09899322

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

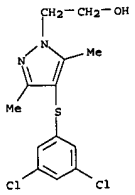
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.49	565.44

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-20.83	-37.76

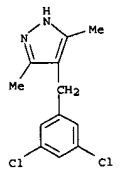
STN INTERNATIONAL LOGOFF AT 09:47:30 ON 23 JAN 2003

Kamal Saeed

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

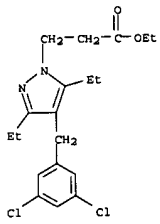


RN 390355-22-3 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

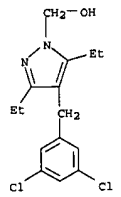


RN 390355-37-0 CAPLUS
CN 1H-Pyrazole-1-propanoic acid, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

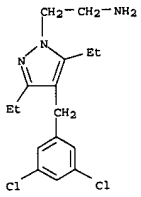


RN 390355-40-5 CAPLUS
CN 1H-Pyrazole-1-methanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

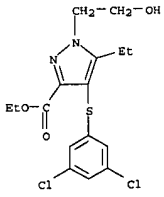


RN 390355-42-7 CAPLUS
CN 1H-Pyrazole-1-ethanamine, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

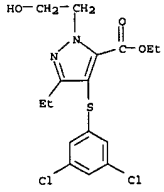
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-45-0 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3,5-dichlorophenyl)thio]-5-ethyl-1-(2-hydroxyethyl)-, ethyl ester (9CI) (CA INDEX NAME)

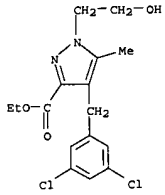


RN 390355-46-1 CAPLUS
CN 1H-Pyrazole-5-carboxylic acid, 4-[(3,5-dichlorophenyl)thio]-3-ethyl-1-(2-hydroxyethyl)-, ethyl ester (9CI) (CA INDEX NAME)

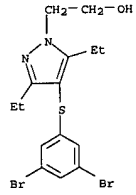


RN 390355-83-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3,5-dichlorophenyl)methyl]-1-(2-hydroxyethyl)-5-methyl-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-92-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dibromophenyl)thio]-3,5-diethyl- (9CI) (CA INDEX NAME)



IT **390355-00-7P**, 2-[4-(3,5-Dichlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-02-9P**, 2-[4-(3-Chlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-03-0P**, 2-[4-(3,5-Difluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-04-1P**, 2-[4-(3-Fluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-05-2P**, 2-[4-(3,5-Dichlorobenzyl)-5-isopropyl-3-methyl-1H-pyrazol-1-yl]ethanol **390355-07-4P**, Ethyl [4-(3,5-dichlorobenzyl)-5-isopropyl-3-methyl-1H-pyrazol-1-yl]acetate **390355-08-5P**, Ethyl [4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]acetate **390355-09-6P**, Ethyl [4-(3-fluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-11-0P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-dimethyl-1H-pyrazol-1-yl]ethanol **390355-12-1P**, 2-[4-(3,5-Dichlorobenzyl)-5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanol **390355-13-2P**, 2-[4-[(4-Chlorophenyl)sulfanyl]-3,5-dimethyl-1H-pyrazol-1-yl]ethanol **390355-14-3P**, Ethyl [4-(3-chlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-15-4P**, Ethyl [4-(3,5-difluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-18-7P**, 4-(3-Fluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-21-2P**, 2-[4-[(3,5-Dichlorophenyl)sulfonyl]-3,5-dimethyl-1H-pyrazol-1-yl]ethanol

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
390355-23-4P, 2-[4-(3,5-Dichlorobenzyl)-3,5-dimethyl-1H-pyrazol-1-yl]ethanamine **390355-24-5P**, 2-[4-(3,5-Dichlorobenzyl)-5-ethyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanol **390355-25-6P**, 2-[4-(3,5-Dichlorobenzyl)-3-ethyl-5-(trifluoromethyl)-1H-pyrazol-1-yl]ethanol **390355-26-7P**, 2-[4-(3,5-Dichlorobenzyl)-5-ethyl-3-methyl-1H-pyrazol-1-yl]ethanol **390355-27-8P**, 2-[4-(3,5-Dichlorobenzyl)-3-ethyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-32-5P**, (3,5-Dichlorophenyl)[3,5-diethyl-1-(2-hydroxyethyl)-1H-pyrazol-4-yl]methanone **390355-33-6P**, (.+-.)-2-[4-[(3,5-Dichlorophenyl)(methoxy)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethanol **390355-34-7P**, 2-[4-(2,6-Difluorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethanol **390355-35-8P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl carbamate **390355-36-9P**, Methyl 3-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]propanoate **390355-38-1P**, 3-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]propanamide **390355-39-2P**, 3-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]-1-propanol **390355-41-6P**, [4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]methyl carbamate **390355-43-8P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]benzamide **390355-44-9P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1-methyl-1H-imidazole-4-sulfonamide **390355-47-2P**, 4-[(3,5-Dichlorophenyl)sulfanyl]-5-ethyl-1-(2-hydroxyethyl)-1H-pyrazole-3-carboxamide **390355-48-3P**,

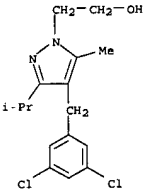
2-[4-[(3,5-Dichlorophenyl)sulfanyl]-5-ethyl-3-(hydroxymethyl)-1H-pyrazol-1-yl]ethanol **390355-49-4P**, 3-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]-1-propanamine **390355-50-7P**,

2-[4-[(3,5-Dichlorophenyl)sulfanyl]-3-ethyl-5-(hydroxymethyl)-1H-pyrazol-1-yl]ethanol **390355-51-8P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2,2-difluoroacetamide **390355-52-9P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]ethanediamide **390355-53-0P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-6-oxo-1,6-dihydro-3-pyridazinecarboxamide **390355-54-1P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,5-dimethyl-1H-pyrazole-3-carboxamide **390355-55-2P**, 2-[(Aminocarbonyl)amino]-N-[2-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]acetamide **390355-56-3P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-ethoxyacetamide **390355-57-4P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-pyridinecarboxamide **390355-58-5P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-methoxyacetamide **390355-59-6P**,

N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-6-oxo-1,6-dihydro-2-pyridinecarboxamide **390355-60-9P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-pyrazinecarboxamide **390355-61-0P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-oxo-2H-pyran-5-carboxamide **390355-62-1P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-(1H-tetrazol-1-yl)acetamide **390355-63-2P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]tetrahydro-2-furancarboxamide **390355-64-3P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-3-hydroxybenzamide **390355-65-4P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-

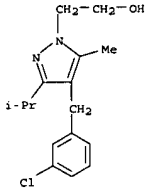
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
hydroxyacetamide **390355-66-5P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,2,3-thiadiazole-4-carboxamide **390355-67-6P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-(dimethylamino)acetamide **390355-68-7P**, 2-Cyano-N-[2-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]acetamide **390355-69-8P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-fluorobenzamide **390355-70-1P**, [4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]methyl phenyl imidodicarbonate **390355-71-2P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-N'-(2,6-difluorobenzoyl)urea **390355-72-3P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-N'-propylurea **390355-73-4P**, N-Benzoyl-N'-[2-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]urea **390355-74-5P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2,4-dioxo-1,2,3,4-tetrahydro-5-pyrimidinesulfonamide **390355-75-6P**, Ethyl 4-[(3,5-dichlorophenyl)sulfanyl]-5-ethyl-1H-pyrazole-3-carboxylate **390355-76-7P**, [4-[(3,5-Dichlorophenyl)sulfanyl]-5-ethyl-1-(2-hydroxyethyl)-1H-pyrazol-3-yl]acetonitrile **390355-77-8P**, [4-[(3,5-Dichlorophenyl)sulfonyl]-5-ethyl-1-(2-hydroxyethyl)-1H-pyrazol-3-yl]acetonitrile **390355-78-9P**, 2-[4-[(3,5-Dichlorophenyl)sulfanyl]-3,5-diethyl-1H-pyrazol-1-yl]ethanol **390355-84-7P**, Ethyl 4-(3,5-dichlorobenzyl)-1-(2-hydroxyethyl)-3-methyl-1H-pyrazole-5-carboxylate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; prepn. of pyrazole derivs. as reverse transcriptase inhibitors for the treatment of HIV infection and AIDS)

RN 390355-00-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

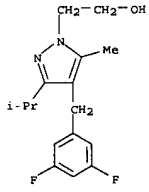


RN 390355-02-9 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3-chlorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

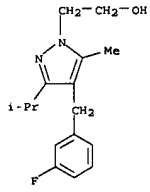
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-03-0 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-difluorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

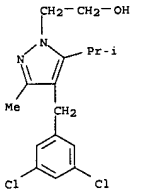


RN 390355-04-1 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3-fluorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

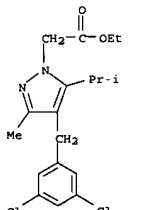


RN 390355-05-2 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

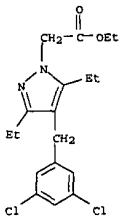


RN 390355-07-4 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3,5-dichlorophenyl)methyl]-3-methyl-5-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

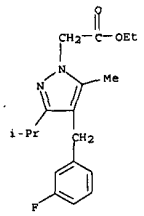


RN 390355-08-5 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

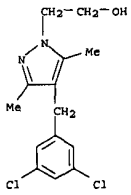


RN 390355-09-6 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3-fluorophenyl)methyl]-5-methyl-3-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

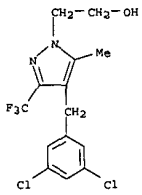


RN 390355-11-0 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

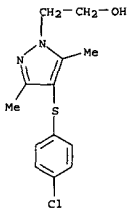


RN 390355-12-1 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

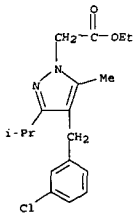


RN 390355-13-2 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(4-chlorophenyl)thio]-3,5-dimethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

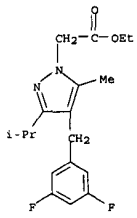


RN 390355-14-3 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3-chlorophenyl)methyl]-5-methyl-3-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

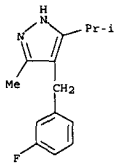


RN 390355-15-4 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3,5-difluorophenyl)methyl]-5-methyl-3-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

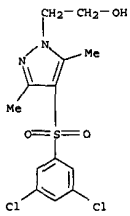
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



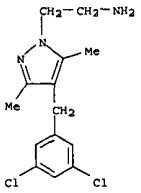
RN 390355-18-7 CAPLUS
CN 1H-Pyrazole, 4-[(3-fluorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



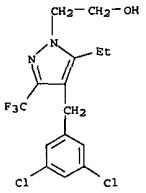
RN 390355-21-2 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)sulfonyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 390355-23-4 CAPLUS
CN 1H-Pyrazole-1-ethanamine, 4-[(3,5-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

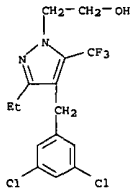


RN 390355-24-5 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

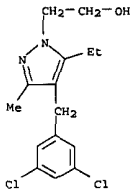


RN 390355-25-6 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3-ethyl-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

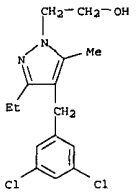
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-26-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-ethyl-3-methyl- (9CI) (CA INDEX NAME)

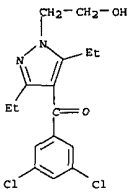


RN 390355-27-8 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3-ethyl-5-methyl- (9CI) (CA INDEX NAME)

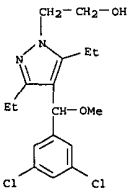


L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 390355-32-5 CAPLUS
CN Methanone, (3,5-dichlorophenyl)[3,5-diethyl-1-(2-hydroxyethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)

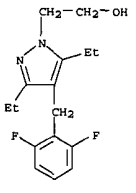


RN 390355-33-6 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methoxymethyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

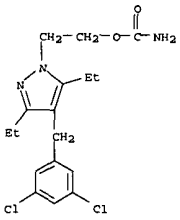


RN 390355-34-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(2,6-difluorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

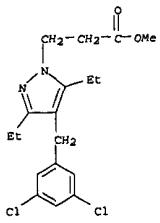


RN 390355-35-8 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, carbamate (ester) (9CI) (CA INDEX NAME)

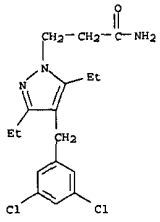


RN 390355-36-9 CAPLUS
CN 1H-Pyrazole-1-propanoic acid, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, methyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

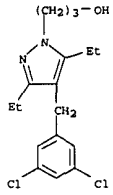


RN 390355-38-1 CAPLUS
CN 1H-Pyrazole-1-propanamide, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

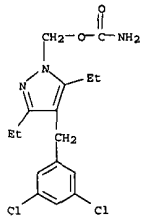


RN 390355-39-2 CAPLUS
CN 1H-Pyrazole-1-propanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

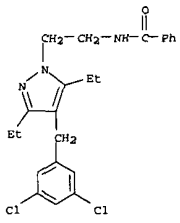


RN 390355-41-6 CAPLUS
CN 1H-Pyrazole-1-methanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, carbamate (ester) (9CI) (CA INDEX NAME)

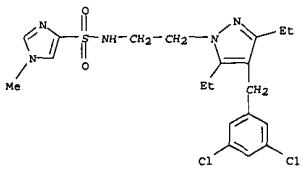


RN 390355-43-8 CAPLUS
CN Benzamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

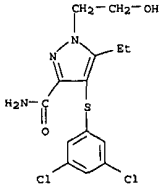
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-44-9 CAPLUS
CN 1H-Imidazole-4-sulfonamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1-methyl- (9CI) (CA INDEX NAME)

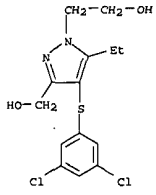


RN 390355-47-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 4-[(3,5-dichlorophenyl)thio]-5-ethyl-1-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

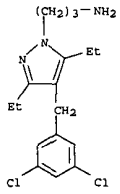


RN 390355-48-3 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)thio]-5-ethyl-3-

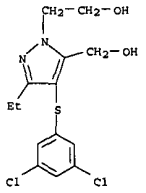
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
(hydroxymethyl)- (9CI) (CA INDEX NAME)



RN 390355-49-4 CAPLUS
CN 1H-Pyrazole-1-propanamine, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

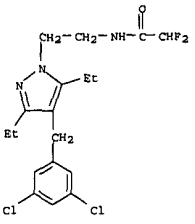


RN 390355-50-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)thio]-3-ethyl-5-(hydroxymethyl)- (9CI) (CA INDEX NAME)

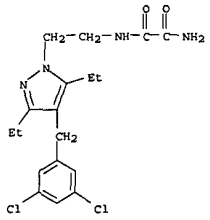


RN 390355-51-8 CAPLUS

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2,2-difluoro- (9CI) (CA INDEX NAME)

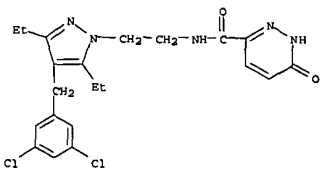


RN 390355-52-9 CAPLUS
CN Ethanediamide, [2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

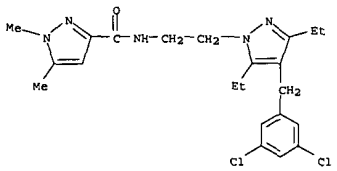


RN 390355-53-0 CAPLUS
CN 3-Pyridazinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,6-dihydro-6-oxo- (9CI) (CA INDEX NAME)

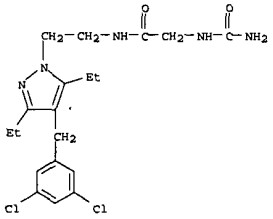
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-54-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,5-dimethyl- (9CI) (CA INDEX NAME)

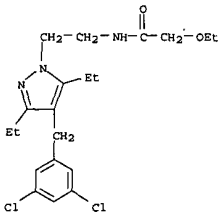


RN 390355-55-2 CAPLUS
CN Acetamide, 2-[(aminocarbonyl)amino]-N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

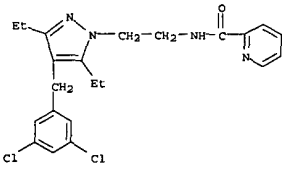


L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 390355-56-3 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-ethoxy- (9CI) (CA INDEX NAME)

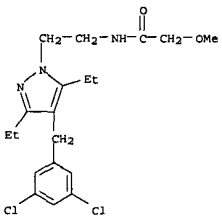


RN 390355-57-4 CAPLUS
CN 2-Pyridinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

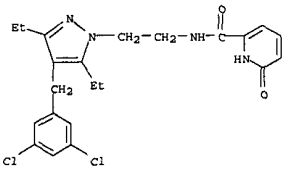


RN 390355-58-5 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-methoxy- (9CI) (CA INDEX NAME)

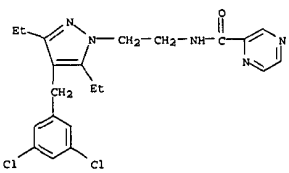
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-59-6 CAPLUS
CN 2-Pyridinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,6-dihydro-6-oxo- (9CI) (CA INDEX NAME)

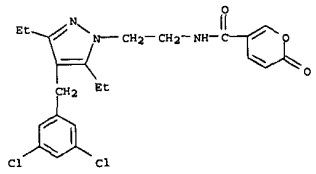


RN 390355-60-9 CAPLUS
CN Pyrazinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

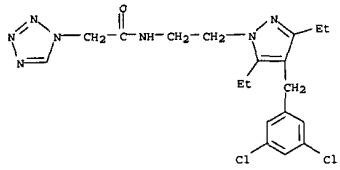


RN 390355-61-0 CAPLUS
CN 2H-Pyran-5-carboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-

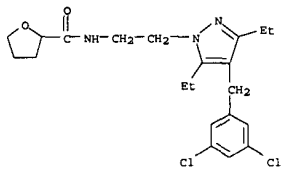
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
1H-pyrazol-1-yl]ethyl]-2-oxo- (9CI) (CA INDEX NAME)



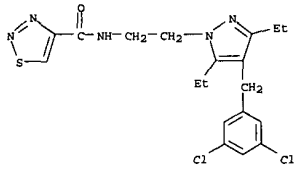
RN 390355-62-1 CAPLUS
CN 1H-Tetrazole-1-acetamide,
N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-
1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)



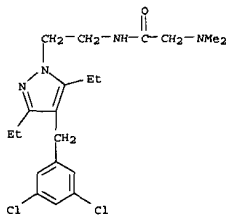
RN 390355-63-2 CAPLUS
CN 2-Furancarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-
pyrazol-1-yl]ethyl]tetrahydro- (9CI) (CA INDEX NAME)



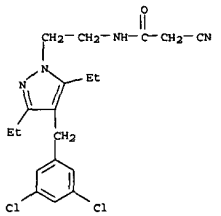
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-67-6 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-
yl]ethyl]-2-(dimethylamino)- (9CI) (CA INDEX NAME)

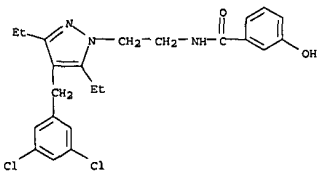


RN 390355-68-7 CAPLUS
CN Acetamide, 2-cyano-N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-
pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

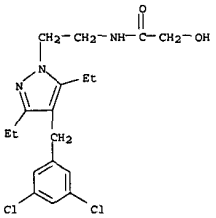


L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 390355-64-3 CAPLUS
CN Benzamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-
yl]ethyl]-3-hydroxy- (9CI) (CA INDEX NAME)

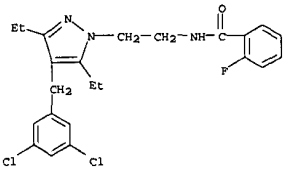


RN 390355-65-4 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-
yl]ethyl]-2-hydroxy- (9CI) (CA INDEX NAME)

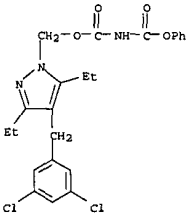


RN 390355-66-5 CAPLUS
CN 1,2,3-Thiadiazole-4-carboxamide,
N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-
diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 390355-69-8 CAPLUS
CN Benzamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-
yl]ethyl]-2-fluoro- (9CI) (CA INDEX NAME)

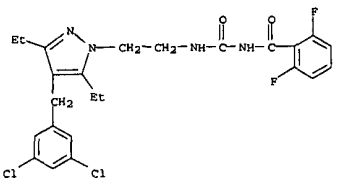


RN 390355-70-1 CAPLUS
CN Imidodicarbonic acid, [4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-
pyrazol-1-yl]methyl phenyl ester (9CI) (CA INDEX NAME)

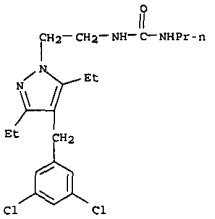


RN 390355-71-2 CAPLUS
CN Benzamide,
N-[[[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-
yl]ethyl]amino]carbonyl]-2,6-difluoro- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

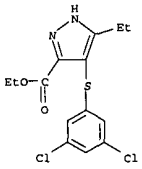


RN 390355-72-3 CAPLUS
CN Urea, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-N'-propyl- (9CI) (CA INDEX NAME)

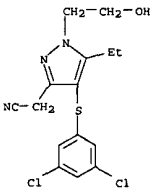


RN 390355-73-4 CAPLUS
CN Benzamide,
N-[[[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]amino]carbonyl]- (9CI) (CA INDEX NAME)

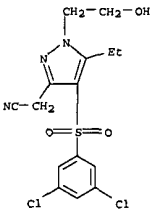
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-76-7 CAPLUS
CN 1H-Pyrazole-3-acetonitrile, 4-[(3,5-dichlorophenyl)thio]-5-ethyl-1-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

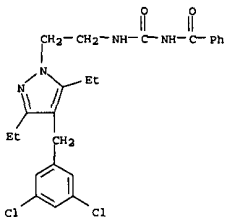


RN 390355-77-8 CAPLUS
CN 1H-Pyrazole-3-acetonitrile,
4-[(3,5-dichlorophenyl)sulfonyl]-5-ethyl-1-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

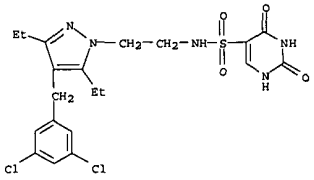


RN 390355-78-9 CAPLUS

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

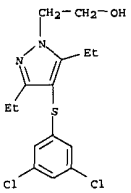


RN 390355-74-5 CAPLUS
CN 5-Pyrimidinesulfonamide,
N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,2,3,4-tetrahydro-2,4-dioxo- (9CI) (CA INDEX NAME)

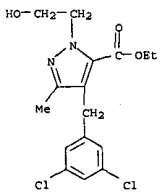


RN 390355-75-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3,5-dichlorophenyl)thio]-5-ethyl-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)thio]-3,5-diethyl- (9CI) (CA INDEX NAME)

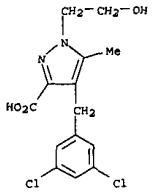


RN 390355-84-7 CAPLUS
CN 1H-Pyrazole-5-carboxylic acid, 4-[(3,5-dichlorophenyl)methyl]-1-(2-hydroxyethyl)-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)

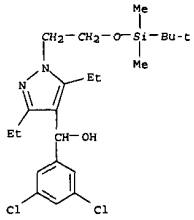


IT **390356-22-6P**, 4-(3,5-Dichlorobenzyl)-1-(2-hydroxyethyl)-5-methyl-1H-pyrazole-3-carboxylic acid **390356-29-3P**, [1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-3,5-diethyl-1H-pyrazol-4-yl](3,5-dichlorophenyl)methanol **390356-30-6P**, [1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-3,5-diethyl-1H-pyrazol-4-yl](3,5-dichlorophenyl)methanone **390356-31-7P**, 1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-4-[(3,5-dichlorophenyl)(methoxy)methyl]-3,5-diethyl-1H-pyrazole **390356-35-1P**, Ethyl 1-[2-[(tert-butyldimethylsilyl)oxy]ethyl]-4-[(3,5-dichlorophenyl)sulfanyl]-5-ethyl-1H-pyrazole-3-carboxylate **390356-36-2P**, [1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-4-[(3,5-dichlorophenyl)sulfanyl]-5-ethyl-1H-pyrazol-3-yl]methanol **390356-37-3P**, [1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-4-[(3,5-dichlorophenyl)sulfanyl]-5-ethyl-1H-pyrazol-3-yl]acetonitrile **390356-45-3P**, 1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-4-[(3,5-dibromophenyl)sulfanyl]-3,5-diethyl-

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
1H-pyrazole
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of pyrazole derivs. as reverse transcriptase *inhibitors for the treatment of HIV infection and AIDS*)
RN 390356-22-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3,5-dichlorophenyl)methyl]-1-(2-hydroxyethyl)-5-methyl- (9CI) (CA INDEX NAME)

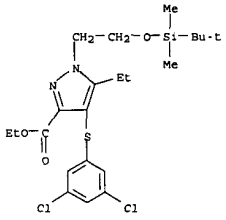


RN 390356-29-3 CAPLUS
CN 1H-Pyrazole-4-methanol, .alpha.-(3,5-dichlorophenyl)-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

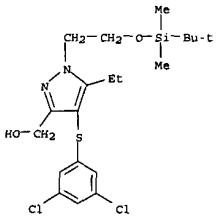


RN 390356-30-6 CAPLUS
CN Methanone, (3,5-dichlorophenyl)[1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-3,5-diethyl-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

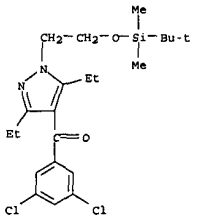


RN 390356-36-2 CAPLUS
CN *1H-Pyrazole-3-methanol, 4-[(3,5-dichlorophenyl)thio]-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-5-ethyl-* (9CI) (CA INDEX NAME)

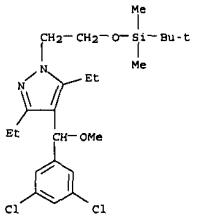


RN 390356-37-3 CAPLUS
CN 1H-Pyrazole-3-acetonitrile, 4-[(3,5-dichlorophenyl)thio]-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-5-ethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

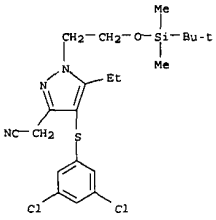


RN 390356-31-7 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methoxymethyl]-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

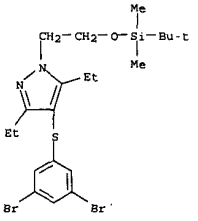


RN 390356-35-1 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3,5-dichlorophenyl)thio]-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-5-ethyl-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390356-45-3 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dibromophenyl)thio]-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-3,5-diethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:31482 CAPLUS
DOCUMENT NUMBER: 136:79802
TITLE: Modulators of cellular proliferation and angiogenesis, methods for use and identification thereof
INVENTOR(S): Pillarisetti, Sivaram; Goldberg, Itzhak D.
PATENT ASSIGNEE(S): North Shore-Long Island Jewish Health System, USA
SOURCE: PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002593	A2	20020110	WO 2001-US20849	20010629
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001077854	A5	20020114	AU 2001-77854	20010629
PRIORITY APPLN. INFO.:			US 2000-606628	A2 20000629
			WO 2001-US20849	W 20010629

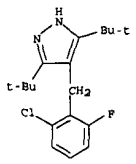
OTHER SOURCE(S): MARPAT 136:79802

AB The invention is directed to small org. mols. and peptides having the ability to mimic or agonize hepatocyte growth factor/ scatter factor (*HGF/SF*) activity, or inhibit or antagonize *HGP/SF* activity, the former useful for promoting, for example, vascularization of tissues or organs for promoting wound or tissue healing, or augmenting or restoring blood flow to ischemic tissues such as the heart following myocardial infarction. Inhibition of cellular growth or proliferation is beneficial in the treatment, for example, of inflammatory diseases such as inflammatory joint and skin diseases, and dysproliferative diseases such as cancer.

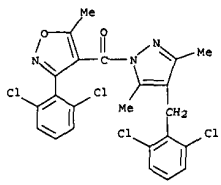
IT **261349-35-3 387352-92-3 387352-93-4 387352-94-5 387352-95-6 387352-96-7 387352-97-8 387352-98-9 387352-99-0 387353-00-6 387353-01-7**
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(peptide and small-mol. modulators of cellular proliferation and angiogenesis)

RN 261349-35-3 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-3,5-bis(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

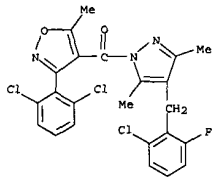
L8 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 387352-92-3 CAPLUS
CN 1H-Pyrazole, 4-[(2,6-dichlorophenyl)methyl]-1-[[3-(2,6-dichlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

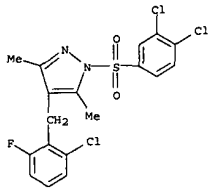


RN 387352-93-4 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-[[3-(2,6-dichlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

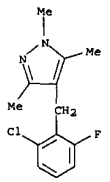


L8 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

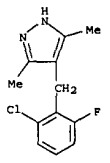
RN 387352-94-5 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-[(3,4-dichlorophenyl)sulfonyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)



RN 387352-95-6 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1,3,5-trimethyl- (9CI) (CA INDEX NAME)



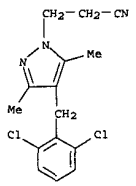
RN 387352-96-7 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)



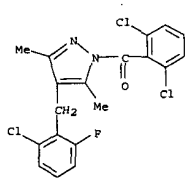
RN 387352-97-8 CAPLUS

L8 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

CN 1H-Pyrazole-1-propanenitrile, 4-[(2,6-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

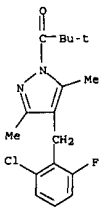


RN 387352-98-9 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-(2,6-dichlorobenzoyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

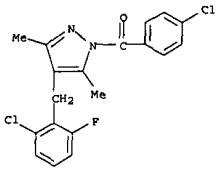


RN 387352-99-0 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-(2,2-dimethyl-1-oxopropyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

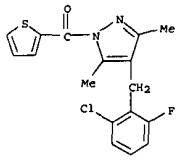
L8 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 387353-00-6 CAPLUS
CN 1H-Pyrazole, 1-(4-chlorobenzoyl)-4-[(2-chloro-6-fluorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)



RN 387353-01-7 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-3,5-dimethyl-1-(2-thienylcarbonyl)- (9CI) (CA INDEX NAME)



L8 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

L8 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:851126 CAPLUS
DOCUMENT NUMBER: 135:371760
TITLE: Preparation of pyrazolylpyrimidines and analogs as *TNF-.alpha. signaling modulators*
INVENTOR(S): Sneddon, Scott F.; Kane, John L.; Hirth, Bradford H.; Vinick, Fred; Qiao, Shuang; Nahill, Sharon R.
PATENT ASSIGNEE(S): Genzyme Corporation, USA
SOURCE: PCT Int. Appl., 108 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001087849	A2	20011122	WO 2001-US15027	20010510
WO 2001087849	A3	20020606		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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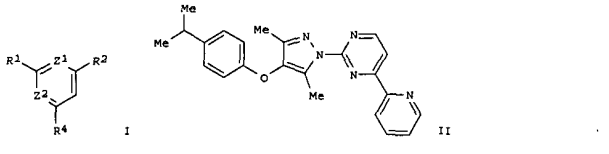
			US 2000-205213P P	20000518
OTHER SOURCE(S):			MARPAT 135:371760	

GI



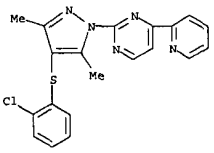
AB Title compds. [I; R1 = H or NH2; R2 = ZZ3(CH2)nR; R = (un)substituted Ph or -heterocyclyl; R4 = (alkyl-substituted) 2-pyridinyl or -pyrazinyl; Z = (un)substituted pyrazole-1,4-diyl; Z1,Z2 = N or CH; Z3 = O, CH2, S, SO2; n = 0-2] were prepd. Thus, 4-(Me2HC)C6H4OH was condensed with (MeCO)2CHN2 and the product cyclocondensed with 4-(2-pyridinyl)-2-pyrimidinylhydrazine to give title compd. II. Data for biol. activity of I were given.

IT **374080-86-1P 374080-87-2P 374080-88-3P 374080-89-4P 374080-91-8P 374080-92-9P**

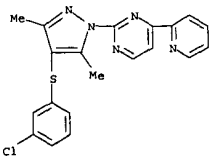
L8 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

374080-93-0P 374081-16-0P 374081-17-1P 374081-18-2P
RL: BAC (Biological activity or effector, except adverse); BSU (*Biological* study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyrazolylpyrimidines and analogs as TNF-.alpha. signaling modulators)

RN 374080-86-1 CAPLUS
CN Pyrimidine, 2-[4-[(2-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

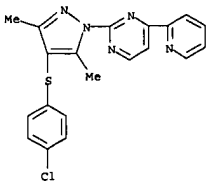


RN 374080-87-2 CAPLUS
CN Pyrimidine, 2-[4-[(3-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

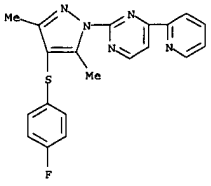


RN 374080-88-3 CAPLUS
CN Pyrimidine, 2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

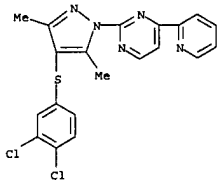


RN 374080-89-4 CAPLUS
CN Pyrimidine,
2-[4-[(4-fluorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

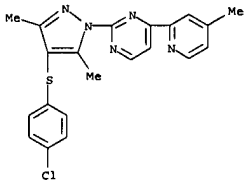


RN 374080-91-8 CAPLUS
CN Pyrimidine,
2-[4-[(3,4-dichlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

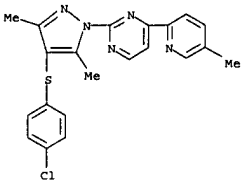


RN 374080-92-9 CAPLUS
CN Pyrimidine,
2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(4-methyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

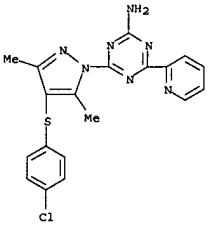


RN 374080-93-0 CAPLUS
CN Pyrimidine,
2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(5-methyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

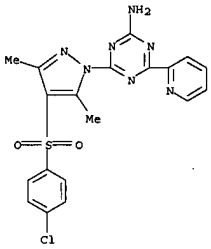


RN 374081-16-0 CAPLUS
CN 1,3,5-Triazin-2-amine,
4-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)

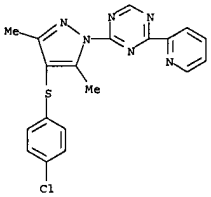


RN 374081-17-1 CAPLUS
CN 1,3,5-Triazin-2-amine, 4-[4-[(4-chlorophenyl)sulfonyl]-3,5-dimethyl-1H-pyrazol-1-yl]-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



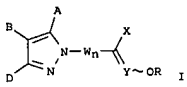
RN 374081-18-2 CAPLUS
CN 1,3,5-Triazine,
2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)



L8 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:631412 CAPLUS
DOCUMENT NUMBER: 131:243266
TITLE: Preparation of pyrazolyloximinoacetates and related compounds as agrochemical and industrial fungicides.
INVENTOR(S): Hirohara, Yoji; Sugano, Shigeyoshi; Nakashima, Hideki; Kimura, Takuo; Sakakibara, Takashi
PATENT ASSIGNEE(S): SDS Biotech K.K., Japan
SOURCE: Eur. Pat. Appl., 70 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 945437	A1	19990929	EP 1998-105673	19980327

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
PRIORITY APPLN. INFO.: EP 1998-105673 19980327
OTHER SOURCE(S): MARPAT 131:243266
GI

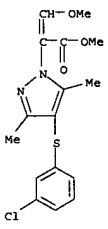


I

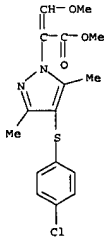
AB Title compds. [I; X = CO2R1, CONHR1, CON(R1)2, cyano, 5-6 membered heteroaryl; Y = CH, N; W = alkylene, NR1, O; n = 0, 1; R = alkyl, haloalkyl; A, B, D = H, halo, R1, R1O, R1S, R1SO2, (R1)2N, R1O2C, R1OR2, R1ON:CH, cyano, NO2, alkenyl, alkynyl, cycloalkyl, (substituted) Ph, PhCH2, PhO, PhCH2O, PhOR2, PhS, PhCH2S, PhSR2, PhCH2ON:CH, naphthyl, heteroaryl; R1 = alkyl, haloalkyl; R2 = alkylene; provided that A, B, D do not all = H and >2 of A, B, D do not = aryl or heteroaryl], were prepd. Thus, Me 2-[3-methyl-5-(4-chlorophenyl)pyrazol-1-yl]-2-hydroxyiminoacetate (prepn. given) was stirred with Me2SO4 and K2CO3 in DMF to give 82% Me 2-[3-methyl-5-(4-chlorophenyl)pyrazol-1-yl]-2-methoxyiminoacetate. The latter at 500 ppm gave 100% prevention of Pseudoperonospora cubensis on cucumbers.

IT **244270-37-9P 244270-38-0P 244270-39-1P**
244270-40-4P 244270-41-5P 244270-43-7P
244270-44-8P 244270-45-9P 244270-46-0P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

L8 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



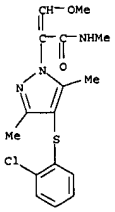
RN 244270-40-4 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(4-chlorophenyl)thio]-.alpha.-(methoxymethylene)-3,5-dimethyl-, methyl ester (9CI) (CA INDEX NAME)



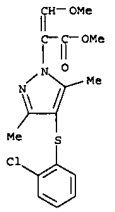
RN 244270-41-5 CAPLUS
CN 1H-Pyrazole-1-acetamide, 4-[(4-chlorophenyl)thio]-.alpha.-(methoxymethylene)-N,3,5-trimethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
(prepn. of pyrazolyloximinoacetates and related compds. as agrochem. and industrial fungicides)

RN 244270-37-9 CAPLUS
CN 1H-Pyrazole-1-acetamide, 4-[(2-chlorophenyl)thio]-.alpha.-(methoxymethylene)-N,3,5-trimethyl- (9CI) (CA INDEX NAME)

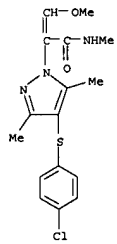


RN 244270-38-0 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(2-chlorophenyl)thio]-.alpha.-(methoxymethylene)-3,5-dimethyl-, methyl ester (9CI) (CA INDEX NAME)

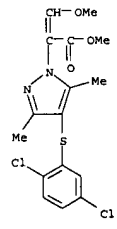


RN 244270-39-1 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3-chlorophenyl)thio]-.alpha.-(methoxymethylene)-3,5-dimethyl-, methyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

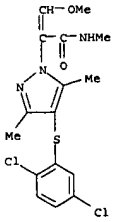


RN 244270-43-7 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(2,5-dichlorophenyl)thio]-.alpha.-(methoxymethylene)-3,5-dimethyl-, methyl ester (9CI) (CA INDEX NAME)

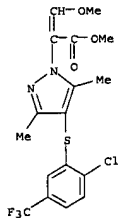


RN 244270-44-8 CAPLUS
CN 1H-Pyrazole-1-acetamide, 4-[(2,5-dichlorophenyl)thio]-.alpha.-(methoxymethylene)-N,3,5-trimethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

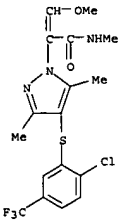


RN 244270-45-9 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[[2-chloro-5-(trifluoromethyl)phenyl]thio]-.alpha.-(methoxymethylene)-3,5-dimethyl-, methyl ester (9CI) (CA INDEX NAME)



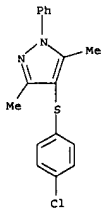
RN 244270-46-0 CAPLUS
CN 1H-Pyrazole-1-acetamide, 4-[[2-chloro-5-(trifluoromethyl)phenyl]thio]-.alpha.-(methoxymethylene)-N,3,5-trimethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L8 ANSWER 6 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:522599 CAPLUS
DOCUMENT NUMBER: 131:271837
TITLE: Reactions of 1,3,5-trisubstituted pyrazoles with arenesulfenyl chlorides
AUTHOR(S): Shermolovich, Yu. G.; Tolmachev, A. A.; Emets, S. B.; Timoshenko, V. M.; Kolesnik, N. P.
CORPORATE SOURCE: Inst. Org. Chem., Ukr. Akad. Sci., Kiev, Ukraine
SOURCE: Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1999), 35(2), 281-285
CODEN: RJOCEQ; ISSN: 1070-4280
PUBLISHER: MAIK Nauka/Interperiodica Publishing
DOCUMENT TYPE: Journal
LANGUAGE: English
AB 3-Methyl(or amino)-1-phenyl-5-pyrazolones and 3-methyl-5-methyl(or methoxy or amino)-1-phenylpyrazoles react with arenesulfenyl chlorides to yield only 4-(arylthio)pyrazoles. Reaction of 3-amino-4-(arylthio)-5-hydroxy-1-phenylpyrazoles with o-nitrophenylsulfenyl chloride gives exclusively 4,4-bis(arylthio)-5-pyrazolones. 4-(Arylthio)-5-hydroxy-3-methyl-1-phenylpyrazoles are also converted to 4,4-bis(arylthio)-5-pyrazolones. A p-fluorobenzoyl deriv. is also prepd.
IT **245725-87-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(reactions of 1,3,5-trisubstituted pyrazoles with arenesulfenyl chlorides)
RN 245725-87-5 CAPLUS
CN 1H-Pyrazole, 4-[(4-chlorophenyl)thio]-3,5-dimethyl-1-phenyl- (9CI) (CA INDEX NAME)

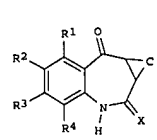


REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

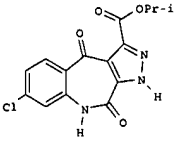
L8 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:618103 CAPLUS
DOCUMENT NUMBER: 127:278193
TITLE: Preparation of azolobenzazepines as neurologically active agents
INVENTOR(S): Brush, Kelly Anne; Chapdelaine, Marc Jerome; Frazee, William Jackson; Garcia-Davenport, Laura Enid; Lewis, Joseph James
PATENT ASSIGNEE(S): Zeneca Ltd., UK; Brush, Kelly Anne; Chapdelaine, Marc Jerome; Frazee, William Jackson; Garcia-Davenport, Laura Enid; Lewis, Joseph James
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9732883	A1	19970912	WO 1997-GB592	19970304
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2247453	AA	19970912	CA 1997-2247453	19970304
AU 9722253	A1	19970922	AU 1997-22253	19970304
AU 723860	B2	20000907		
EP 888350	A1	19990107	EP 1997-905327	19970304
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1224424	A	19990728	CN 1997-192864	19970304
CN 1084747	B	20020515		
JP 2000506160	T2	20000523	JP 1997-531562	19970304
ZA 9701964	A	19970908	ZA 1997-1964	19970306
US 6124281	A	20000926	US 1998-142221	19980903
NO 9804106	A	19981106	NO 1998-4106	19980907
US 6313290	B1	20011106	US 2000-668261	20000922

PRIORITY APPLN. INFO.: US 1996-13528P P 19960308
WO 1997-GB592 W 19970304
US 1998-142221 A3 19980903
OTHER SOURCE(S): MARPAT 127:278193
GI



I



II

L8 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

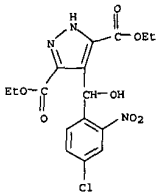
AB The title compds. [I; X = O, S; R1-R4 = H, perfluoro-lower-alkyl, halo, NO2, CN; C together with the carbon atoms to which it is attached forms a 5-membered arom. heterocycle], useful for the treatment of neurol. disorders such as stroke, were prepd. and formulated. Thus, reaction of

7-chloro-3-(ethoxycarbonyl)pyrazolo[3,4-c][1]benzazepine-4,10(1H,9H)-dione with 2-propanol in the presence of conc. HCl afforded 48% II which showed IC50 of 0.064 .mu.M against [3H]-glycine binding at the N-methyl-D-aspartate receptor.

IT **196864-34-3P 196864-35-4P 196864-36-5P**
196864-44-5P 196864-45-6P 196864-46-7P
196864-47-8P 196864-50-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of azolobenzazepines as neurol. active agents)

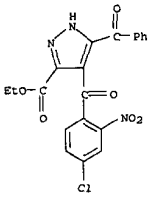
RN 196864-34-3 CAPLUS

CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-[(4-chloro-2-nitrophenyl)hydroxymethyl]-, diethyl ester (9CI) (CA INDEX NAME)



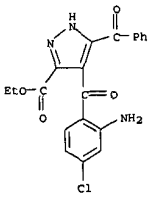
RN 196864-35-4 CAPLUS

CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-(4-chloro-2-nitrobenzoyl)-, diethyl ester (9CI) (CA INDEX NAME)



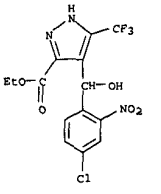
RN 196864-45-6 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4-(2-amino-4-chlorobenzoyl)-5-benzoyl-, ethyl ester (9CI) (CA INDEX NAME)

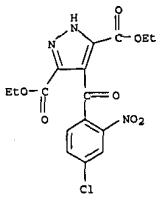


RN 196864-46-7 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4-[(4-chloro-2-nitrophenyl)hydroxymethyl]-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)

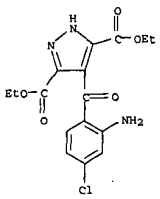


L8 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 196864-36-5 CAPLUS

CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-(2-amino-4-chlorobenzoyl)-, diethyl ester (9CI) (CA INDEX NAME)



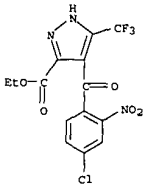
RN 196864-44-5 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 3-benzoyl-5-(4-chloro-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

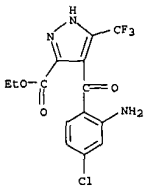
RN 196864-47-8 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4-(4-chloro-2-nitrobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)

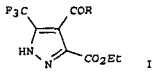


RN 196864-50-3 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4-(2-amino-4-chlorobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



L8 ANSWER 8 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:348157 CAPLUS
DOCUMENT NUMBER: 125:142618
TITLE: An efficient synthesis of ethyl 4-aroyl-5-trifluoromethylpyrazole 3-carboxylates
AUTHOR(S): Cyrener, Joerg; Lauterbach, Christa; Burger, Klaus
CORPORATE SOURCE: Department of Organic Chemistry, University of Leipzig, Talstr. 35, 03410, Leipzig, Germany
SOURCE: Journal of Fluorine Chemistry (1996), 78(1), 55-58
CODEN: JFLCAR; ISSN: 0022-1139
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 125:142618
GI

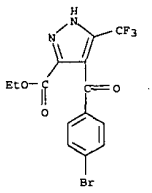


I

AB Et 4-aroyl-5-trifluoromethylpyrazole 3-carboxylates I (R = Ph, 4-BrC6H4, 4-ClC6H4, 2-naphthyl) have been synthesized from readily available 4,4-bis(trifluoromethyl)-1-oxabuta-1,3-dienes (vinyl ketone) and Et diazoacetate and subsequent thermally induced elimination of trifluoromethane in good yield.

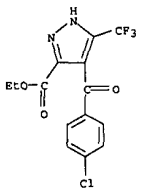
IT **179612-96-5P 179612-97-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(two-step prepn. of Et 4-aroyl-5-trifluoromethylpyrazole 3-carboxylates
via Et diazoacetate and vinyl ketones)

RN 179612-96-5 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(4-bromobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 179612-97-6 CAPLUS

L8 ANSWER 8 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN 1H-Pyrazole-3-carboxylic acid, 4-(4-chlorobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



L8 ANSWER 9 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:340802 CAPLUS
DOCUMENT NUMBER: 122:99346
TITLE: Synergic herbicides containing pyrazole and indandione derivatives
INVENTOR(S): Ikeda, Osamu; Minami, Noriko
PATENT ASSIGNEE(S): Mitsubishi Chem Ind, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06298612	A2	19941025	JP 1993-88643	19930415

PRIORITY APPLN. INFO.: JP 1993-88643 19930415

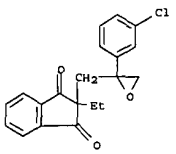
AB A synergistic herbicide esp. effective in rice paddies contains 2-[2-(3-chlorophenyl)-2,3-epoxypropyl]-2-ethylindan-3-dione with .gtoreq. 1 compd. selected from the group comprising 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl-p-toluenesulfonate, 4-(2,4-dichlorobenzoyl)-1,3-dimethyl-5-phenacyloxypyrazole, and 4-(2,4-dichloro-3-methylbenzoyl)-1,3-dimethyl-5-(4-methylphenacyloxy)pyrazole.

IT **160780-74-5 160780-76-7**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(synergic herbicides contg. pyrazole and indandione derivs.)

RN 160780-74-5 CAPLUS
CN 1H-Indene-1,3(2H)-dione, 2-[[2-(3-chlorophenyl)oxiranyl]methyl]-2-ethyl-, mixt. with 2-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-phenylethanone (9CI) (CA INDEX NAME)

CM 1

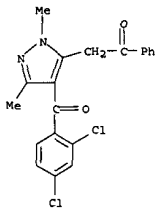
CRN 133220-30-1
CMF C20 H17 Cl O3



CM 2

CRN 81860-84-6
CMF C20 H16 Cl2 N2 O2

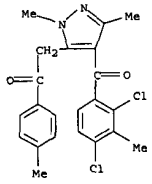
L8 ANSWER 9 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 160780-76-7 CAPLUS
CN 1H-Indene-1,3(2H)-dione, 2-[[2-(3-chlorophenyl)oxiranyl]methyl]-2-ethyl-, mixt. with 2-[4-(2,4-dichloro-3-methylbenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-(4-methylphenyl)ethanone (9CI) (CA INDEX NAME)

CM 1

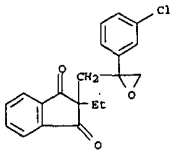
CRN 160780-75-6
CMF C22 H20 Cl2 N2 O2



CM 2

CRN 133220-30-1
CMF C20 H17 Cl O3.

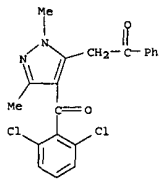
L8 ANSWER 9 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



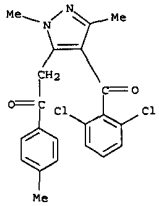
L8 ANSWER 10 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
after workup, I [X = Cl; Y = H; R1 = R2 = Et] (III). III at 0.15 g/ha gave 100% control of Cyperus.

IT **154464-02-5 154464-03-6**
RL: RCT (Reactant); RACT (Reactant or reagent)
(herbicidal compn. contg.)

RN 154464-02-5 CAPLUS
CN Ethanone, 2-[4-(2,6-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-phenyl- (9CI) (CA INDEX NAME)



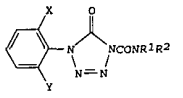
RN 154464-03-6 CAPLUS
CN Ethanone, 2-[4-(2,6-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-(4-methylphenyl)- (9CI) (CA INDEX NAME)



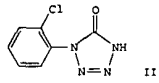
L8 ANSWER 10 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:457514 CAPLUS
DOCUMENT NUMBER: 121:57514
TITLE: Preparation of tetrazolinones as herbicides for use in a rice paddy
INVENTOR(S): Goto, Toshio; Hayakawa, Hidenori; Watanabe, Yukiyoshi; Narabu, Shinichi; Yanagi, Akihiko
PATENT ASSIGNEE(S): Nihon Bayer Agrochem K.K., Japan
SOURCE: Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 578090	A2	19940112	EP 1993-110272	19930628
EP 578090	A3	19940427		
EP 578090	B1	19961227		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
JP 06199818	A2	19940719	JP 1992-312607	19921029
AU 9341561	A1	19940113	AU 1993-41561	19930628
AU 661162	B2	19950713		
ES 2095524	T3	19970216	ES 1993-110272	19930628
US 5347010	A	19940913	US 1993-86606	19930701
CA 2099930	AA	19940110	CA 1993-2099930	19930706
HU 65462	A2	19940628	HU 1993-1977	19930708
CN 1083809	A	19940316	CN 1993-108424	19930709
CN 1034573	B	19970416		
US 5466660	A	19951114	US 1994-230949	19940421
CN 1144220	A	19970305	CN 1996-108280	19960629

PRIORITY APPLN. INFO.: JP 1992-204271 19920709
JP 1992-312607 19921029
US 1993-86606 19930701
OTHER SOURCE(S): MARPAT 121:57514
GI



I



II

AB The title compds. I [X = Cl, Br; Y = H, Cl, Br, etc.; R1, R2 = alkyl] are prepd. A mixt. of tetrazolinone II, potassium carbonate, and and diethylcarbamoyl chloride in acetonitrile was refluxed for 5 h to give,

L8 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:292136 CAPLUS
DOCUMENT NUMBER: 120:292136
TITLE: Pyrazoles agricultural and horticultural bactericides
INVENTOR(S): Nakajima, Yasuyuki; Watanabe, Junichi; Sugyama, Yasuhisa; Hirohara, Yoji; Mita, Takeshi; Suzuki, Hideo; Furusato, Takashi; Ooya, Hiroshi; Nakayama, Masahito; Et, Al.
PATENT ASSIGNEE(S): Nissan Chemical Ind Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06065237	*A2*	*19940308*	*JP 1993-98060*	*19930423*

PRIORITY APPLN. INFO.: JP 1992-115000 19920507
OTHER SOURCE(S): MARPAT 120:292136
GI

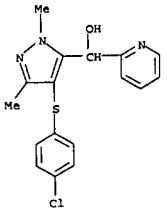
I

AB Pyrazoles [I, R1 = halo, alkyl, etc.; R2 = alkyl or haloalkyl; X = NR3, CO, CR4R5; R3 = H, alkyl, etc., and R4 and R5 = H, halo, etc.; Y = O, S, etc.; A = (un)substituted phenyl; B = (un)substituted polycyclic ring group] are prepd. as agricultural and horticultural bactericides. Prepn. of 8 pyrazoles and the use of the I for control of crop disease caused by Botrytis cinerea were shown.

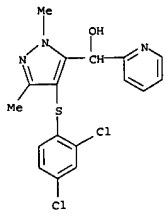
IT **144059-52-9P 144059-53-0P 144059-54-1P**
144059-55-2P 144059-56-3P 144059-57-4P
144059-58-5P 144059-59-6P 144059-60-9P
154931-94-9P 154932-19-1P 154932-20-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as agricultural and horticultural bactericides)

RN 144059-52-9 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

L8 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

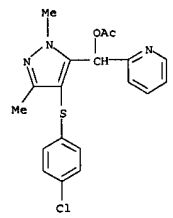


RN 144059-53-0 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(2,4-dichlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

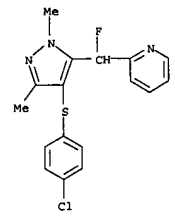


RN 144059-54-1 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(3-fluoro-4-methylphenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

L8 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

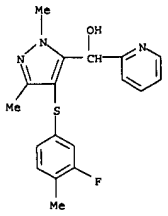


RN 144059-57-4 CAPLUS
CN Pyridine, 2-[[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]fluoromethyl]- (9CI) (CA INDEX NAME)

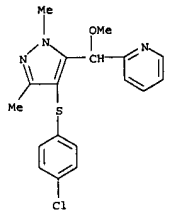


RN 144059-58-5 CAPLUS
CN Methanone, [4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-2-pyridinyl- (9CI) (CA INDEX NAME)

L8 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

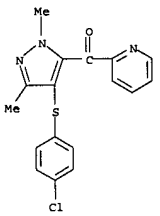


RN 144059-55-2 CAPLUS
CN Pyridine, 2-[[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]methoxymethyl]- (9CI) (CA INDEX NAME)

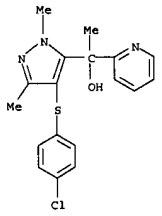


RN 144059-56-3 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-, acetate (ester) (9CI) (CA INDEX NAME)

L8 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

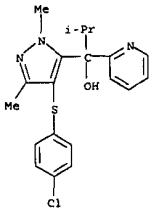


RN 144059-59-6 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-.alpha.-methyl- (9CI) (CA INDEX NAME)

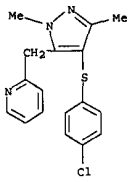


RN 144059-60-9 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-.alpha.-(1-methylethyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

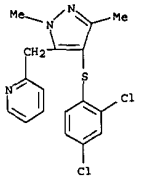


RN 154931-94-9 CAPLUS
CN Pyridine, 2-[[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]methyl]- (9CI) (CA INDEX NAME)

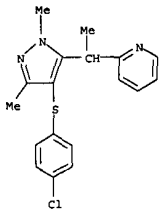


RN 154932-19-1 CAPLUS
CN Pyridine, 2-[[4-[(2,4-dichlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]methyl]- (9CI) (CA INDEX NAME)

L8 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



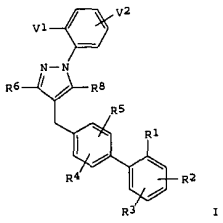
RN 154932-20-4 CAPLUS
CN Pyridine, 2-[1-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]ethyl]- (9CI) (CA INDEX NAME)



L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:270383 CAPLUS
DOCUMENT NUMBER: 120:270383
TITLE: (Biphenylmethyl)pyrazole angiotensin II antagonists
INVENTOR(S): *Ashton, Wallace T.; Chang, Linda L.; Greenlee, William J.; Hutchins, Steven M.*
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: *U.S.*, 30 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5262412	A	19931116	US 1993-28845	19930310

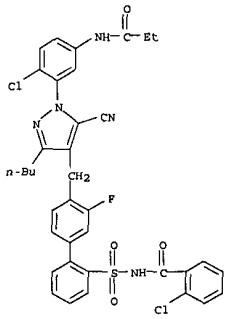
PRIORITY APPLN. INFO.: US 1993-28845 19930310
OTHER SOURCE(S): *MARPAT 120:270383*
GI



I

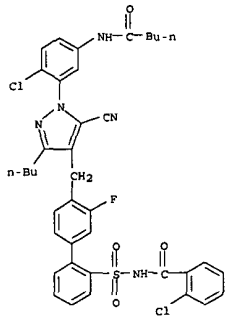
AB The title compds. [I; R1 = SO2NHCOR23, SO2NHCO2R24; R23 = aryl, heteroaryl, (un)branched (un)substituted C1-6 alkyl, C3-6 alkenyl, etc.; R24 = (un)branched (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, aryl, (un)substituted C3-7 cycloalkyl; R2, R3 = H, F, Cl, CF3, C1-4 alkyl; R4 = H, F; R5 = H, F, Cl, CF3, C1-4 alkyl; R6 = C1-6 alkyl; R8 = H, F, Cl, Br, iodo, OH, C1-4 alkoxy, (un)substituted NH2, CN, etc.; V1 = CH3, CF3, Cl, iodo, F, OMe, NO2, CN; V2 = amine- or carbonyl- or S-based substituent at ring position 4 or 5], which are angiotensin II antagonists (no data), useful in the treatment of hypertension and related cardiovascular disorders (no data), are prepd. and I-contg. formulations presented. Thus, Et 3-n-butyl-4-[[2'-[N-(2-chlorobenzoyl)sulfamoyl]biphenyl-4-yl]methyl]-1-[2-chloro-5-(valerylamino)phenyl]-1H-pyrazole-5-carboxylate was prepd. from Et 2,4-dioxooctanoate in 10 steps.
IT **154056-98-1 154057-09-7 154057-12-2**

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
154057-24-6 154057-35-9 154057-36-0
154057-37-1 154057-38-2 154057-39-3
154057-40-6 154057-41-7 154057-42-8
154057-43-9 154057-44-0 154057-45-1
154057-46-2 154057-47-3 154057-48-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(angiotensin II antagonist)
RN 154056-98-1 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



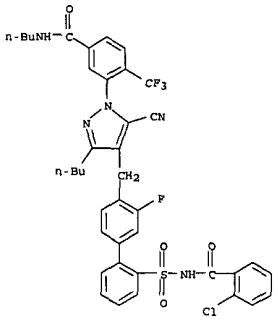
RN 154057-09-7 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopentyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



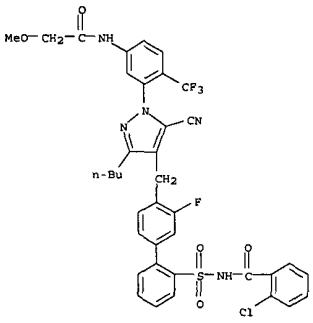
RN 154057-12-2 CAPLUS
CN Benzamide,
N-butyl-3-[3-butyl-4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

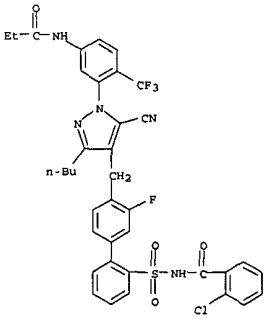


RN 154057-24-6 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

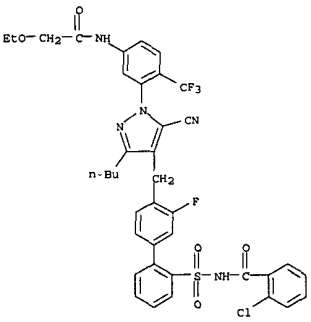


RN 154057-35-9 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(1-oxopropyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



RN 154057-36-0 CAPLUS

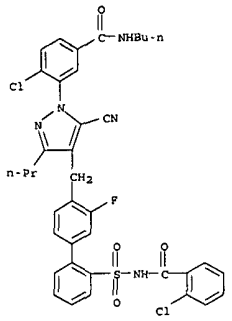
L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(ethoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



RN 154057-37-1 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

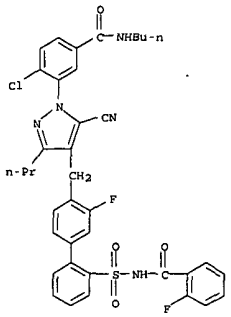
L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 154057-42-8 CAPLUS
CN Benzamide,
N-butyl-4-chloro-3-[4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-3-propyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

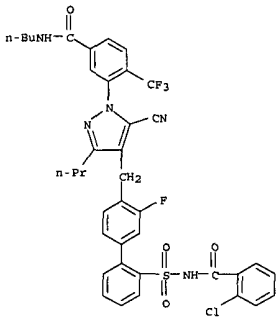


RN 154057-43-9 CAPLUS
CN Benzamide, N-butyl-4-chloro-3-[5-cyano-4-[[3-fluoro-2'-[[(2-fluorobenzoyl)amino]sulfonyl][1,1'-biphenyl]-4-yl]methyl]-3-propyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

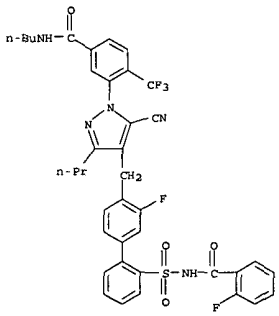


RN 154057-44-0 CAPLUS
CN Benzamide, N-butyl-3-[4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-3-propyl-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



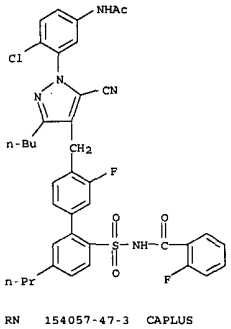
L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 154057-45-1 CAPLUS
CN Benzamide, N-butyl-3-[5-cyano-4-[[3-fluoro-2'-[[(2-fluorobenzoyl)amino]sulfonyl][1,1'-biphenyl]-4-yl]methyl]-3-propyl-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

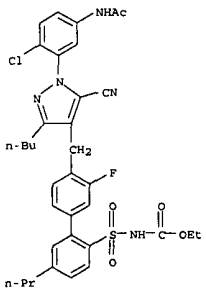


RN 154057-46-2 CAPLUS
CN Benzamide,
N-[[4'-[[1-[5-(acetylamino)-2-chlorophenyl]-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

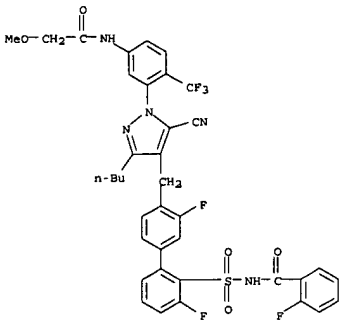


RN 154057-47-3 CAPLUS
CN Carbamic acid, [[4'-[[1-[5-(acetylamino)-2-chlorophenyl]-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



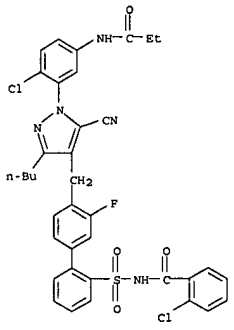
RN 154057-48-4 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3,3'-difluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



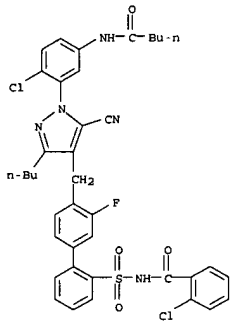
IT **154056-98-1 154057-09-7 154057-10-0**
154057-11-1 154057-12-2 154057-24-6
154057-30-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. as angiotensin II antagonist)
RN 154056-98-1 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

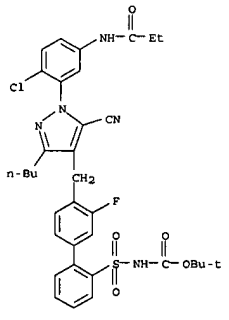


RN 154057-09-7 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopentyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

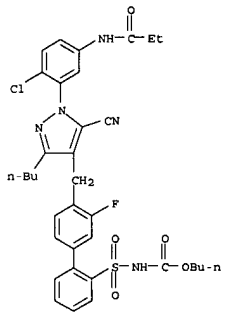


RN 154057-10-0 CAPLUS
CN Carbamic acid,
[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

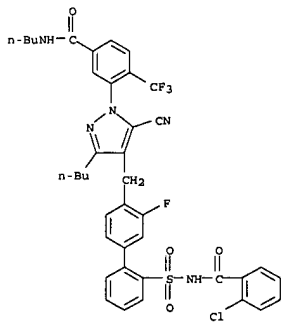


RN 154057-11-1 CAPLUS
CN Carbamic acid,
[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-, butyl ester (9CI) (CA INDEX NAME)

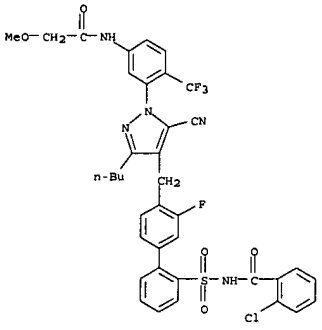


RN 154057-12-2 CAPLUS
CN Benzamide,
N-butyl-3-[3-butyl-4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



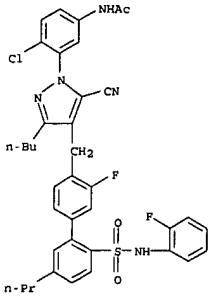
L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 154057-24-6 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



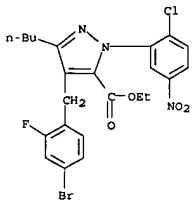
RN 154057-30-4 CAPLUS
CN Acetamide, N-[3-[3-butyl-5-cyano-4-[[3-fluoro-2'-[[(2-fluorophenyl)amino]sulfonyl]-5'-propyl[1,1'-biphenyl]-4-yl]methyl]-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



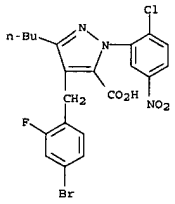
IT **154057-00-8 154057-01-9 154057-02-0**
154057-03-1 154057-04-2 154057-05-3
154057-06-4 154057-07-5 154057-08-6
154057-22-4 154057-23-5 154057-25-7
154057-27-9 154057-28-0 154057-29-1
154057-32-6 154057-33-7 154057-34-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. as intermediate in prepn. of (biphenylmethyl)pyrazole angiotensin II antagonists)

RN 154057-00-8 CAPLUS
CN 1H-Pyrazole-5-carboxylic acid, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)-, ethyl ester (9CI) (CA INDEX NAME)

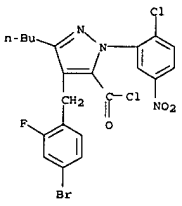


L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 154057-01-9 CAPLUS
CN 1H-Pyrazole-5-carboxylic acid, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

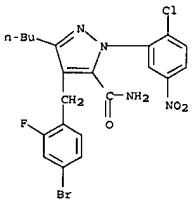


RN 154057-02-0 CAPLUS
CN 1H-Pyrazole-5-carbonyl chloride, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

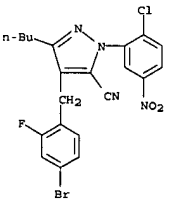


RN 154057-03-1 CAPLUS
CN 1H-Pyrazole-5-carboxamide, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

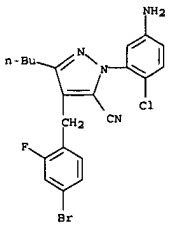


RN 154057-04-2 CAPLUS
CN 1H-Pyrazole-5-carbonitrile, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

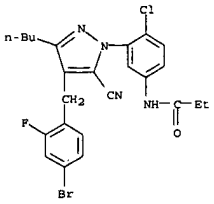


RN 154057-05-3 CAPLUS
CN 1H-Pyrazole-5-carbonitrile, 1-(5-amino-2-chlorophenyl)-4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

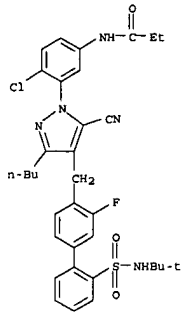


RN 154057-06-4 CAPLUS
CN Propanamide, N-[3-[4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)

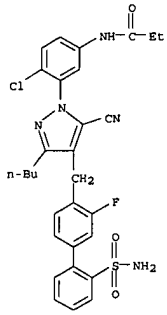


RN 154057-07-5 CAPLUS
CN Propanamide, N-[3-[3-butyl-5-cyano-4-[[2'-[[(1,1-dimethylethyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)

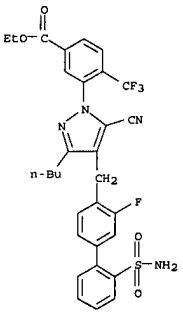
L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 154057-08-6 CAPLUS
CN Propanamide, N-[3-[4-[[2'-(aminosulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)

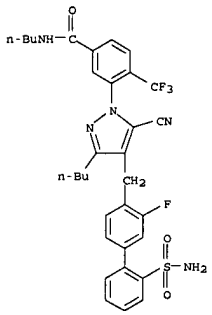


L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 154057-22-4 CAPLUS
CN Benzoic acid, 3-[4-[[2'-(aminosulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-4-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)

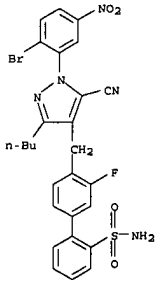


RN 154057-23-5 CAPLUS
CN Benzamide, 3-[4-[[2'-(aminosulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-N-butyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

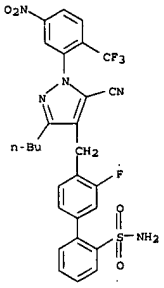


RN 154057-25-7 CAPLUS
CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[1-(2-bromo-5-nitrophenyl)-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro- (9CI) (CA INDEX NAME)

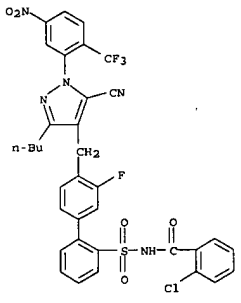


RN 154057-27-9 CAPLUS
CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[3-butyl-5-cyano-1-[5-nitro-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

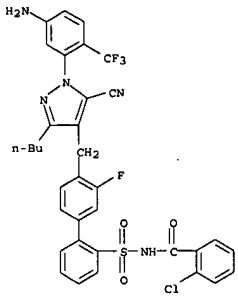


RN 154057-28-0 CAPLUS
CN Benzamide,
N-[[4'-[[3-butyl-5-cyano-1-[5-nitro-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

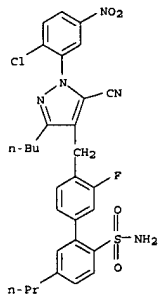


RN 154057-29-1 CAPLUS
CN Benzamide,
N-[[4'-[[1-[5-amino-2-(trifluoromethyl)phenyl]-3-butyl-5-cyano-

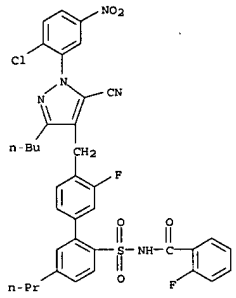
L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



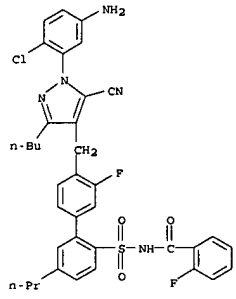
RN 154057-32-6 CAPLUS
CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[3-butyl-1-(2-chloro-5-nitrophenyl)-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 154057-33-7 CAPLUS
CN Benzamide,
N-[[4'-[[3-butyl-1-(2-chloro-5-nitrophenyl)-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)



RN 154057-34-8 CAPLUS
CN Benzamide,
N-[[4'-[[1-(5-amino-2-chlorophenyl)-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

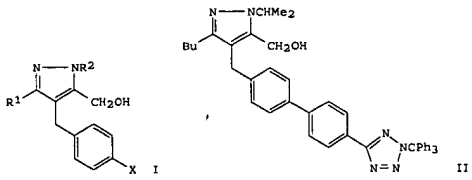


L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

L4 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:191713 CAPLUS
DOCUMENT NUMBER: 120:191713
TITLE: Furanone intermediates in pharmaceutical pyrazole preparation
INVENTOR(S): Watson, Stephen Paul
PATENT ASSIGNEE(S): Glaxo Group Ltd., UK
SOURCE: Brit. UK Pat. Appl., 30 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2265900	A1	19931013	GB 1993-7342	19930407
PRIORITY APPLN. INFO.:			GB 1992-7591	19920407
OTHER SOURCE(S):		MARPAT 120:191713		

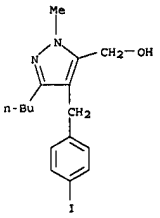
GI



AB Title compds. I (R1 = H, C1-6 alkyl, C2-6 alkenyl; R2a = H, C1-6 alkyl, C3-7 cycloalkyl, C3-7 cycloalkyl-C1-4 alkyl, C3-6 alkenyl F-C1-6 alkyl, F-C3-6 alkenyl; X = H, halo, R4C6H4 wherein R4 = H2N, NC, protectant of CO2H or NH2, optionally protected C-linked tetrazolyl) useful for prepn. of pharmaceuticals (no data), are prepd. 2-Hexane was added to 1-[1,1-(dimethylethyl)dimethylsilyl]oxyacetate (prepn. given) to give 1-[1,1-(dimethylethyl)dimethylsilyl]oxy-2,4-octanedione which was reacted with 5-[4'-(bromomethyl)[1,1'-biphenyl]-2-yl]-2-(triphenylmethyl)-2H-tetrazole to give the tetrazole deriv. which was treated with Bu4N+F- to give the desilylated furanone deriv. which in turn was treated with Me2CHNHNH2 to give the title compd. II.

IT **153359-84-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as pharmaceutical)

L4 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 153359-84-3 CAPLUS
CN 1H-Pyrazole-5-methanol, 3-butyl-4-[(4-iodophenyl)methyl]-1-methyl- (9CI) (CA INDEX NAME)

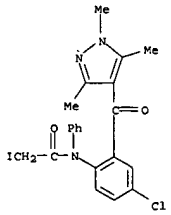


L4 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1990:459122 CAPLUS
DOCUMENT NUMBER: 113:59122
TITLE: Synthesis of 5-(4-pyrazolyl and 4-isoxazolyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-ones
AUTHOR(S): Kurihara, Takushi; Sasaki, Jun; Santo, Kazunori; Nakamura, Yutaka; Yoneda, Ryuji; Harusawa, Shinya
CORPORATE SOURCE: Osaka Univ. Pharm. Sci., Matsubara, 580, Japan
SOURCE: Heterocycles (1989), 29(10), 2007-21
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 113:59122
GI

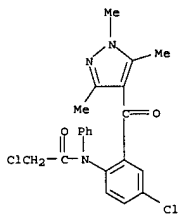
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Reactions of pyrazolylanthranil I (X = NMe, R = Cl) with PhZnCl in the presence of nickel acetylacetonate gave anilinobenzoylpyrazole II (R1 = Ph, R2 = H). Isoxazolylanthranil I (X = O, R = Cl) under the same conditions gave a mixt. of II (R1 = Ph, R2 = H) and quinolone III. II (X = O, NMe; R = Cl, R1 = Ph, R2 = H) were converted to II (R2 = COCH2N3), which were cyclized with PPh3 to benzodiazepinones IV (X = O, NMe, R = Cl, R1 = Ph) via an aza-hitting reaction. Treating azido deriv. II (X = NAc, R = R1 = H, R2 = COCH2N3) with PPh3 gave II (R2 = COCH2N:PPh3), which cyclized in refluxing toluene to give IV (X = NAc, R = Cl, R1 = H). In contrast, the phosphinimine V (R3 = N:PPh3) prepd. from azide V (R3 = N3) failed to cyclize under the same conditions.

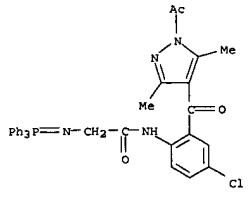
IT **127889-75-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and condensation reaction of, with sodium azide)
RN 127889-75-2 CAPLUS
CN Acetamide, N-[4-chloro-2-[(1,3,5-trimethyl-1H-pyrazol-4-yl)carbonyl]phenyl]-2-iodo-N-phenyl- (9CI) (CA INDEX NAME)



IT **127889-74-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and condensation reaction of, with sodium iodide)
RN 127889-74-1 CAPLUS
CN Acetamide, 2-chloro-N-[4-chloro-2-[(1,3,5-trimethyl-1H-pyrazol-4-yl)carbonyl]phenyl]-N-phenyl- (9CI) (CA INDEX NAME)

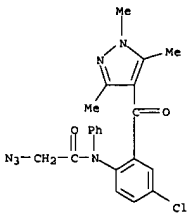


IT **127889-90-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and cyclization of, benzodiazepine deriv. from)
RN 127889-90-1 CAPLUS
CN Acetamide, N-[2-[(1-acetyl-3,5-dimethyl-1H-pyrazol-4-yl)carbonyl]-4-chlorophenyl]-2-[(triphenylphosphoranylidene)amino]- (9CI) (CA INDEX NAME)

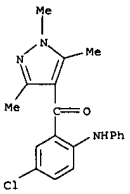


IT **127889-76-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and cyclization of, with triphenylphosphine, benzodiazepine deriv. from)
RN 127889-76-3 CAPLUS
CN Acetamide, 2-azido-N-[4-chloro-2-[(1,3,5-trimethyl-1H-pyrazol-4-yl)carbonyl]phenyl]-N-phenyl- (9CI) (CA INDEX NAME)

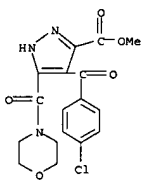
L4 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



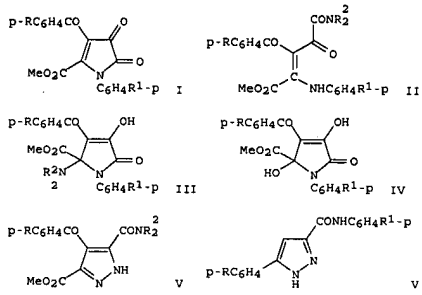
IT **127889-73-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and N-acylation of, with chloroacetyl chloride)
RN 127889-73-0 CAPLUS
CN Methanone, [5-chloro-2-(phenylamino)phenyl](1,3,5-trimethyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)



L4 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN 1H-Pyrazole-3-carboxylic acid, 4-(4-chlorobenzoyl)-5-(4-morpholinylcarbonyl)-, methyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:423322 CAPLUS
DOCUMENT NUMBER: 111:23322
TITLE: Five-membered 2,3-dioxo heterocycles. VIII. Reaction of 1-aryl-4-aroyl-5-methoxycarbonyl-2,3-dihydro-2,3-pyrrolediones with secondary aliphatic amines
AUTHOR(S): Maslivets, A. N.; Smirnova, L. I.; Andreichikov, Yu. S.
CORPORATE SOURCE: Perm. Gos. Farm. Inst., Perm, USSR
SOURCE: Zhurnal Organicheskoi Khimii (1988), 24(10), 2205-12
CODEN: ZORKAE; ISSN: 0514-7492
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 111:23322
GI



AB Interaction of 5-methoxycarbonyl-2,3-dihydropyrrole-2,3-diones I (R = MeO, Me, H, Cl, Br, NO2, R1 = H; R = H, R1 = Me) with R22NH[R2 = PhCH2, Et, Me; R22N = morpholino, piperidino] led to (Z)-3-pentenedioic acid derivs. II (same R's) and 5-methoxycarbonyl-3-hydroxy-2,5-dihydro-2-pyrrolones III (same R's). Factors influencing the yield ratio of II to III were studied. Acid hydrolysis of II and III gave 3,5-dihydroxy-2,5-dihydro-2-pyrrolones IV (same R's) while hydrazinolysis gave pyrazolecarboxamides V and pyrazolecarboxanilides VI.
IT **121275-82-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, via hydrazinolysis of oxopentenedioic acid and dihydropyrrolone derivs.)
RN 121275-82-9 CAPLUS

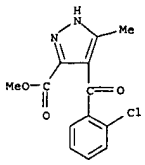
L4 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1987:636702 CAPLUS
DOCUMENT NUMBER: 107:236702
TITLE: Preparation of pyrrole- and pyrazolecarboxylates as cardiotonics and calcium agonists
INVENTOR(S): Baxter, Andrew John Gilby; Dixon, John; Ince, Francis; Springthorpe, Brian; Tinker, Alan Charles
PATENT ASSIGNEE(S): Fisons PLC, UK
SOURCE: Eur. Pat. Appl., 76 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 230110	A1	19870729	EP 1986-309235	19861126
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 62181251	A2	19870808	JP 1986-282187	19861128
PRIORITY APPLN. INFO.:			GB 1985-29557	19851130
			GB 1985-29558	19851130
			GB 1985-29563	19851130
			GB 1985-29564	19851130
			GB 1986-10218	19860425
			GB 1986-16096	19860702
			GB 1986-16097	19860702
			GB 1986-16100	19860702
			GB 1986-16101	19860702
			GB 1986-16102	19860702
			GB 1986-16103	19860702
			GB 1986-21942	19860911

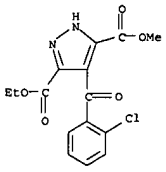
GI

AB The title compds. [I; R1 = H, alkyl; R3 = CH2NR5R6, COR7, NO2, cyano, halo; R4 = HBXn; H = (un)substituted Ph, naphthyl, benzofurazanyl; B = bond, alkylene; R5, R6 = H, (un)substituted alkyl, Ph; R7 = H, NR5R6, alkyl, OH, alkoxy; X = O, S, SO, SO2, C:NOH; Y,Z = CH, CR2, CCO2R, N; R = alkyl; R2 = (un)substituted alkyl; n = 0, 1] were prepd. as cardiotonics and calcium agonists no data). Dimethylpyrrolecarboxylate I (R1 = R4 = H, R3 = CO2Me, Y = Z = CMe) (2.78 g) in CH2Cl2 were added to AlCl3/CH2Cl2 at 0.degree. followed by 3.50 g 2-ClC6H4COCl and the mixt. stirred 17 h to give 3.75 g I (R1 = H, R3 = CO2Me, R4 = 2-ClC4H4CO, Y = Z = CMe).
IT **111595-86-9P 111619-14-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as cardiotonic and calcium agonist)
RN 111595-86-9 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(2-chlorobenzoyl)-5-methyl-, methyl

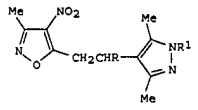
L4 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
(9CI) (CA INDEX NAME)



RN 111619-14-8 CAPLUS
CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-(2-chlorobenzoyl)-, 1-ethyl 5-methyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1985:523404 CAPLUS
DOCUMENT NUMBER: 103:123404
TITLE: Chemistry of heterocycles: part VIII - synthesis of isoxazolylethylpyrazoles
AUTHOR(S): Reddi, K. Malla; Rao, C. Janakirama; Murthy, A. Krishna
CORPORATE SOURCE: Dep. Chem., Kakatiya Univ., Warangal, 506 009, India
SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1985), 24B(2), 212-13
CODEN: IJSBDB; ISSN: 0376-4699
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 103:123404
GI

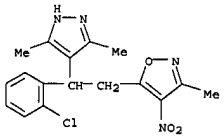


I

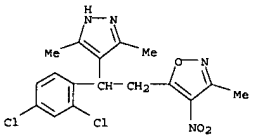
AB The base-catalyzed addn. of acetylacetone to 3-methyl-4-nitro-5-styrylisoxazoles leads to the Michael adducts 3-[2-(3-methyl-4-nitro-5-isoxazolyl)-1-phenylethyl]pentane-2,4-diones. These .beta.-diketones undergo cyclization with hydrazine sulfate and phenylhydrazine to furnish pyrazoles I [R = (un)substituted Ph, R1 = H, Ph].

IT **98239-36-2P 98239-42-0P 98239-43-1P**
98239-46-4P 98239-47-5P 98239-53-3P
98254-35-4P 98735-01-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

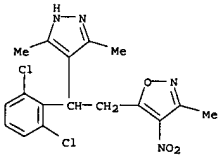
RN 98239-36-2 CAPLUS
CN Isoxazole, 5-[2-(2-chlorophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



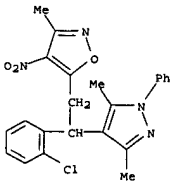
L4 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 98239-42-0 CAPLUS
CN Isoxazole, 5-[2-(2,4-dichlorophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



RN 98239-43-1 CAPLUS
CN Isoxazole, 5-[2-(2,6-dichlorophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)

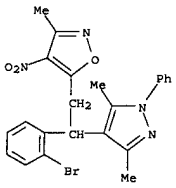


RN 98239-46-4 CAPLUS
CN Isoxazole, 5-[2-(2-chlorophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)

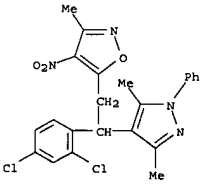


RN 98239-47-5 CAPLUS
CN Isoxazole, 5-[2-(2-bromophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)

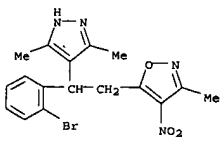
L4 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 98239-53-3 CAPLUS
CN Isoxazole, 5-[2-(2,4-dichlorophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)

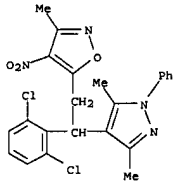


RN 98254-35-4 CAPLUS
CN Isoxazole, 5-[2-(2-bromophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



RN 98735-01-4 CAPLUS
CN Isoxazole, 5-[2-(2,6-dichlorophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



L4 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1985:113486 CAPLUS
DOCUMENT NUMBER: 102:113486
TITLE: Pyrazoles
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 59196869	A2	19841108	JP 1983-71242	19830422
JP 04020910	B4	19920407		

PRIORITY APPLN. INFO.: JP 1983-71242 19830422
OTHER SOURCE(S): CASREACT 102:113486
GI

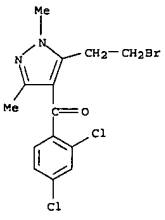
I

AB The title compds. I (R = OXNR2R3 where X = alkylene, R2 = H, alkyl, alkenyl, arylalkyl, R3 = alkyl, alkenyl, Ph; R1 = substituted phenyl), having herbicidal activity at .gtoreq.6.25 g/a, were prepd. by condensation of I (R = halo) with HOXNR2R3. Thus, heating a mixt. of 2 mL HOCH2CH2NHPh, 0.03 g Na, and 1.3 g I (R = Cl, R1 = 2,4-Cl2C6H3) at 100-110.degree. for 3 h under distn. of excess HOCH2CH2NHPh gave 0.92 g I (R = OCH2CH2NHPh, R1 = C6H3Cl2-2,4).

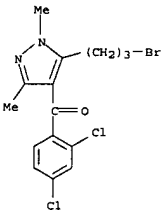
IT **95115-05-2P 95115-06-3P 95115-07-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 95115-05-2 CAPLUS
CN Methanone, [5-(2-bromoethyl)-1,3-dimethyl-1H-pyrazol-4-yl](2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

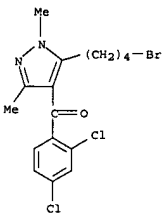


RN 95115-06-3 CAPLUS
CN Methanone, [5-(3-bromopropyl)-1,3-dimethyl-1H-pyrazol-4-yl](2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 95115-07-4 CAPLUS
CN Methanone, [5-(4-bromobutyl)-1,3-dimethyl-1H-pyrazol-4-yl](2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

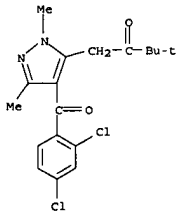
L4 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



L4 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1982:522069 CAPLUS
DOCUMENT NUMBER: 97:122069
TITLE: Herbicide composition for rice
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57081401	A2	19820521	JP 1980-157843	19801110

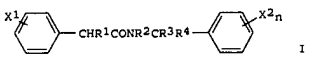
PRIORITY APPLN. INFO.: JP 1980-157843 19801110
AB Compns. contg. S-1-ethylpropyl-N,N-hexanethylenethiolcarbamate (I) [75013-55-7] and one or more of 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-phenacyloxypyrazole (II) [71561-11-0], 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-(4-methylphenacyloxy)pyrazole [71561-18-7], 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-pivaloylmethylpyrazole [**82934-46-1**], and 1,3-dimethyl-4-(2,4-dichlorobenzoyl-5-p-toluenesulfonyloxypyrazole [58011-68-0] are herbicides, esp. for rice. Thus, a compn. contg. I and II (20 + 15 g/are) controlled Echinochloa crus-galli, Scirpus hotarui, Cyperus serotinus, and broad-leaf weeds in rice by 100% in 30 days.
IT **82934-46-1**
RL: BIOL (Biological study)
(herbicide compn. contg., for rice)
RN 82934-46-1 CAPLUS
CN 2-Butanone, 1-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-3,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1982:419045 CAPLUS
DOCUMENT NUMBER: 97:19045
TITLE: Phenylacetamides and pyrazole derivatives as herbicides
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57032206	A2	19820220	JP 1980-107662	19800807
JP 58012242	B4	19830307		
JP 57102806	A2	19820626	JP 1981-176454	19811105

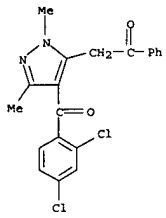
PRIORITY APPLN. INFO.: JP 1980-107662 19800807
GI



I

AB A compn. contg. N-(.alpha.,.alpha.-dialkylbenzyl)phenylacetamides I (X1 and X2 = halo, C1-3 alkyl, C1-3 alkoxy, or H; R1 = C1-3 alkoxy or H; R2 = C1-3 alkyl, C2-6 alkoxyalkyl, allyl, or H; R3 and R4 = C1-4 alkyl; n = 1-3) and pyrazole derivs. is a herbicide for rice. Thus, I (X1 = 2-Cl X2 = 4-Cl; n = 1; R1 and R2 = H; R3 and R4 = Me) [80487-99-6] and 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl-4-toluenesulfonate [58011-68-0] (100 + 100 g/10 are) controlled Echinochloa crus-galli, Cyperus microiria, Scirpus hotarui, Eleocharis acicularia, Sagittaria pygmaea, and Cyperus serotinus in rice.
IT **81860-84-6**
RL: BIOL (Biological study)
(herbicides contg. acetamides and)
RN 81860-84-6 CAPLUS
CN Ethanone, 2-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-phenyl- (9CI) (CA INDEX NAME)

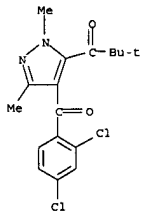
L4 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



L4 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1982:406294 CAPLUS
DOCUMENT NUMBER: 97:6294
TITLE: 1,3-Dimethyl-4-(2,9-dichlorobenzoyl)-5-substituted carbonylmethoxypyrazole
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57031666	A2	19820220	JP 1980-105947	19800801

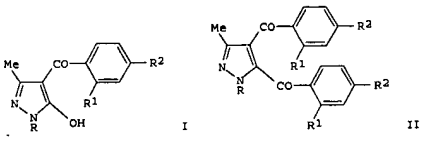
PRIORITY APPLN. INFO.: JP 1980-105947 19800801
AB The herbicidal (no data) title compds. were prepd. by reaction of 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole (I) with ClCH2COR [R = (substituted) Ph, (halogenated) Me3C]. Thus, refluxing a mixt. of MeCN 15 mL, I 2.0, PhCOCH2Cl 1.1, K2CO3 1.0, and KI 0.0 6 g for 1 h gave 2.7 g 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-(phenacyloxy)pyrazole.
IT **81842-70-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 81842-70-8 CAPLUS
CN 1-Propanone, 1-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-2,2-dimethyl- (9CI) (CA INDEX NAME)



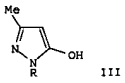
L4 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1981:550653 CAPLUS
DOCUMENT NUMBER: 95:150653
TITLE: 4-Benzoyl-5-hydroxypyrazoles
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 56043271	A2	19810421	JP 1979-118043	19790914

PRIORITY APPLN. INFO.: JP 1979-118043 19790914
GI

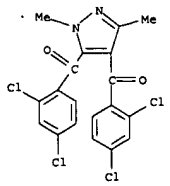

I

II


III

AB 4-Benzoyl-5-hydroxypyrazoles I (R, R1, R2 = Me, Cl, Cl; Me, Cl, NO2; Me, NO2, Cl; Me2CH, Cl, Cl; Me, Cl, SO2Me) were prepd. by reaction of II with III in the presence of AlCl3. Thus, a mixt. of II (R = Me, R1 = R2 = Cl) 2, III (R = Me) 0.5, and AlCl3 1.8 g in CH2Cl2 was refluxed 2 h to give 81% I (R = Me, R1 = R2 = Cl).
IT **79220-47-6**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxypyrazole)
RN 79220-47-6 CAPLUS
CN Methanone, (1,3-dimethyl-1H-pyrazole-4,5-diyl)bis[(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

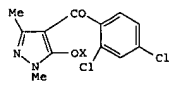
L4 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



L4 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1980:420752 CAPLUS
DOCUMENT NUMBER: 93:20752
TITLE: Synergistic rice paddy herbicides
INVENTOR(S): Konotsune, Takao; Kawakubo, Katsuhiko; Honma, Toyokuni
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

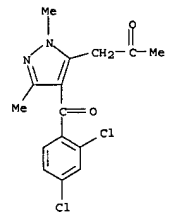
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 55035038	A2	19800311	JP 1978-108387	19780904
JP 61016247	B4	19860428		
JP 60214712	A2	19851028	JP 1985-43500	19850305
JP 63027321	B4	19880602		

PRIORITY APPLN. INFO.: JP 1978-108387 19780904
GI

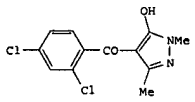

I

AB A compn. contg. 1-(.alpha.,.alpha.-dimethylbenzyl)-3-(p-tolyl)urea (A) [42609-52-9] and pyrazoles I (X = H, 4-toluenesulfonyl or CH2nY where Y = alkoxy, alkylthio, alkoxycarbonyl, acyl, or substituted Ph or benzoyl) is a synergistic rice paddy herbicide. Thus, a compn. contg. 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole [58010-98-3] (14 + 3 g/are) controlled Echniochloa crus-galli, Scirpus juncoides, Sagittaria pygmaea, Cyperus serotinus, and other broad-lead weeds in rice. Either one of the components alone failed to control all of the weeds. Prep. data is given.
IT **74109-78-7**
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic herbicidal compn. contg.)
RN 74109-78-7 CAPLUS
CN 2-Propanone, 1-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

L4 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



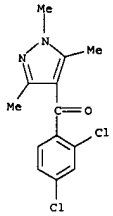
L4 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1980:175648 CAPLUS
DOCUMENT NUMBER: 92:175648
TITLE: A mechanism of chlorosis caused by 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole, a herbicidal compound
AUTHOR(S): Kawakubo, Katsuhiko; Shindo, Masahiro; Konotsune, Takuo
CORPORATE SOURCE: Agric. Chem. Res. Lab., Sankyo Co., Ltd., Yasu, Japan
SOURCE: Plant Physiology (1979), 64(5), 774-9
CODEN: PLPHAY; ISSN: 0032-0889
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



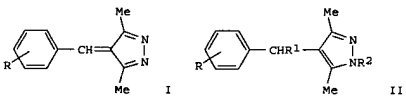
I

AB In org. solvents, 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole (I) [58010-98-3] converted chlorophyll a [479-61-8] and b [479-61-8] extd. from rice seedlings (Oryza sativa) into pheophytin a [603-17-8] and b [3147-18-0], resp. On comparing the chlorophyll-converting activity of I with those of acetic, glycolic, 2,4-dichlorobenzoic, monochloroacetic, 2,6-dichlorobenzoic, pyruvic, and dichloroacetic acids, it was demonstrated that I induced H+ into chlorophyll specifically. 5-Hydroxypyrazoles, which seem to be dissociable, converted chlorophyll into pheophytin in vitro. These compds. also induced chlorosis in sedge seedlings (Cyperus serotinus), when the seedlings were grown in media contg. these compds. However, 5-hydroxypyrazoles, which seem to be undissociable, and analogs having no hydroxy group caused neither the chlorophyll conversion in vitro nor chlorosis in the seedlings. Chlorosis in barnyardgrass seedlings (Echinochloa crus-galli) induced by I was reversed by cultivating the seedlings in media contg. I plus NaOH, KOH, NH4OH, Ca(OH)2, Na acetate [127-09-3], Na pyruvate [113-24-6], Na succinate [113-24-6], or Na fumarate [14047-56-4]. Accumulation of the vinylpheoporphyrin [72619-82-0] fraction in 4-day-old etiolated radish cotyledons (Raphanus sativus) was enhanced by incubating the cotyledons with .delta.-aminolevulinic acid [106-60-5] in the dark. However, simultaneous treatment with .delta.-aminolevulinic acid and I reduced accumulation of the fraction and promoted formation of the uro [26316-36-9], copro [14643-66-4], and protoporphyrin [27121-71-7] fractions. I blocks the synthesis of protochlorophyllide in intact plants and induces consequent chlorosis. The H+-donating activity of I might cause the redn. of protochlorophyllide biosynthesis.

L4 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
IT **72619-87-5**
RL: BIOL (Biological study)
(pheophytin formation by action of, from chlorophyll)
RN 72619-87-5 CAPLUS
CN Methanone, (2,4-dichlorophenyl)(1,3,5-trimethyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)

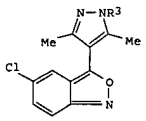


L4 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1978:563486 CAPLUS
DOCUMENT NUMBER: 89:163486
TITLE: 1,4- and 1,7-Addition reactions of 4-(substituted benzylidene)-3,5-dimethylisopyrazoles
AUTHOR(S): Kurihara, Takushi; Sakamoto, Yasuhiko; Sakaguchi, Toshiko; Hirano, Hiroshi
CORPORATE SOURCE: Osaka Coll. Pharm., Osaka, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1978), 26(4), 1141-6
CODEN: CPBTAL; ISSN: 0009-2363
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

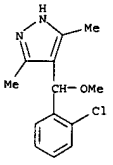
II



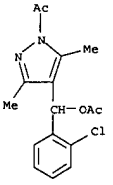
III

AB Treating the title isopyrazoles I (R = 2-NO2, 3-NO2, 2-Cl) with Ac2O, Me2SO4, or MeOH gave the 1,4-addn. products II (R1 = AcO, R2 = Ac; R1 = MeO, R2 = Me; R1 = MeO, R2 = H; resp.). Brominating I gave RC6H4CHO and 4-bromo-3,5-dimethylpyrazole; treating I with AcCl, BzCl, EtO2CCl, and 4-MeC6H4SO2Cl in pyridine at 50-60.degree. and then hydrolyzing gave II (R1 = HO; R2 = Ac, Bz, EtO2C, 4-MeC6H4SO2; resp.). Treating I (R = 2-NO2) with AcCl, BzCl or EtO2CCl in the absence of pyridine gave the pyrazolylanthranils III (R3 = Ac, Bz, EtO2C; resp.) via 1,7-addn. of the chlorides.
IT **57412-15-4P 67714-66-3P 67714-68-5P 67714-69-6P 67714-72-1P 67714-75-4P 67714-76-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 57412-15-4 CAPLUS
CN 1H-Pyrazole, 4-[(2-chlorophenyl)methoxymethyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

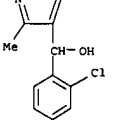
L4 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 67714-66-3 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-acetyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl-, acetate (ester) (9CI) (CA INDEX NAME)

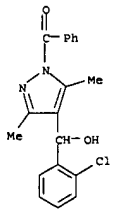


RN 67714-68-5 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-acetyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

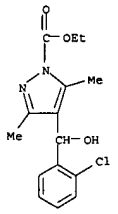


RN 67714-69-6 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-benzoyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

L4 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

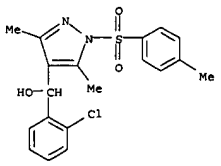


RN 67714-72-1 CAPLUS
CN 1H-Pyrazole-1-carboxylic acid, 4-[(2-chlorophenyl)hydroxymethyl]-3,5-dimethyl-, ethyl ester (9CI) (CA INDEX NAME)

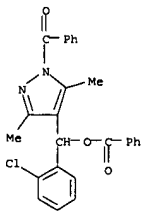


RN 67714-75-4 CAPLUS
CN 1H-Pyrazole-4-methanol, .alpha.-(2-chlorophenyl)-3,5-dimethyl-1-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

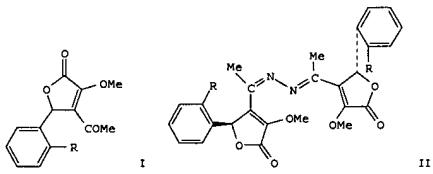


RN 67714-76-5 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-benzoyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl-, benzoate (ester) (9CI) (CA INDEX NAME)



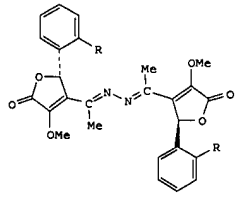
L4 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1978:546684 CAPLUS
DOCUMENT NUMBER: 89:146684
TITLE: Molecular structure of azines of 3-acetyl-4-hydroxy-2-methoxy-4-phenylcrotonic acid lactones
AUTHOR(S): Kurihara, Takushi; Sakamoto, Yasuhiko; Mori, Masanobu; Sakaki, Toshimasa
CORPORATE SOURCE: Osaka Coll. Pharm., Osaka, Japan
SOURCE: Heterocycles (1978), 9(8), 1041-6
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

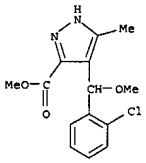
II



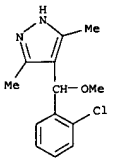
III

AB Treatment of I (R = H, Cl) with N2H4.2HCl gave a mixt. of the corresponding II and III. Crystal structures of II (R = Cl) and III (R = Cl) were detd.
IT **67735-39-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 67735-39-1 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(2-chlorophenyl)methoxymethyl]-5-methyl-, methyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

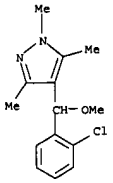


L4 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1975:514283 CAPLUS
DOCUMENT NUMBER: 83:114283
TITLE: Molecular structure and chemical reactivities of the condensation products of o-substituted benzylidenacetylacetone with hydrazine dihydrochloride
AUTHOR(S): Kurihara, Takushi; Sugiyama, Mariko; Hirano, Hiroshi; Tomita, Kenichi; Sakaki, Masayoshi
CORPORATE SOURCE: Osaka Coll. Pharm., Osaka, Japan
SOURCE: Journal of Heterocyclic Chemistry (1975), 12(3), 541-5
CODEN: JHTCAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Reaction of o-O2NC6H4CH:C(COMe)2 with H2NNH2.HCl in MeOH gave 4-(.alpha.-methoxy-o-nitrobenzyl)-3,5-dimethylpyrazole hydrochloride (I,HCl), whose structure was unambigously confirmed by an X-ray crystallog. analysis, via 4-(o-nitrobenzylidene)-3,5-dimethylisopyrazole II. II was synthesized by condensation of O-O2NC6H4CH : C(COMe)2 with H2NNH2.2HCl in MeCN. Analogously the corresponding o-chloro derivatives were obtained. These were converted to N-methyl and N-acetyl derivatives.
IT **57412-15-4P 57412-17-6P 57412-19-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 57412-15-4 CAPLUS
CN 1H-Pyrazole, 4-[(2-chlorophenyl)methoxymethyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

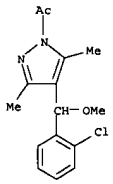


RN 57412-17-6 CAPLUS
CN 1H-Pyrazole, 4-[(2-chlorophenyl)methoxymethyl]-1,3,5-trimethyl- (9CI) (CA
INDEX NAME)

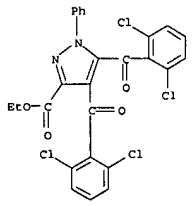
L4 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 57412-19-8 CAPLUS
CN 1H-Pyrazole, 1-acetyl-4-[(2-chlorophenyl)methoxymethyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

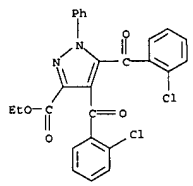


L4 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1972:552091 CAPLUS
DOCUMENT NUMBER: 77:152091
TITLE: New rearrangement reaction leading to dihydropyridazinone derivatives
AUTHOR(S): Fusco, Raffaello; Dalla Croce, Piero
CORPORATE SOURCE: Ist. Chim. Ind., Univ. Milano, Milan, Italy
SOURCE: Gazzetta Chimica Italiana (1972), 102(6), 431-44
CODEN: GCITA9; ISSN: 0016-5603
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Seven 4,5-dihydro-3-pyridazinones (I, R = CO2Me, CO2Et, Ph, etc.; R1 = Ph, substituted phenyl) were prepd. by refluxing the 4-phenacylidene-5-hydroxy-2-pyrazolines (II) in PhMe. I-structures were confirmed by anal., ir, NMR, and some chem. reactions. On the basis of the kinetic measurements of the reaction a mechanism of the rearrangement is suggested.
IT **37915-36-9P 37915-37-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 37915-36-9 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-bis(2,6-dichlorobenzoyl)-1-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 37915-37-0 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-bis(2-chlorobenzoyl)-1-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

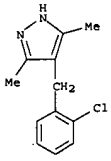
L4 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



L4 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1964:411196 CAPLUS
DOCUMENT NUMBER: 61:11196
ORIGINAL REFERENCE NO.: 61:1807e-g
TITLE: Formation of pyrophosphate from quinol phosphates in dimethylformamide solution
AUTHOR(S): Lapidot, Aviva; Samuel, David
CORPORATE SOURCE: Weizmann Inst. Sci., Rehovoth, Israel
SOURCE: J. Am. Chem. Soc. (1964), 86(9), 1886-7
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

AB Upon addn. of excess Br to a dry HCONMe2 soln. of I, 52.5% PO43- and 47.5% P2O14- was liberated. Similar treatment of I or II in the presence of added (Bu4N)2HPO4 gave 68-9% PO43- and 31-2% P2O77-. The same reaction with I in the presence of18O-labeled (NBu4)3PO4 gave 11.1, 5.1, and 3.9 atom-% excess 18O in added PO43-, product PO43-, and product P2O77-, resp. With II the same products were formed with 21.4, 12.8, and 8.0 atom-% excess 18O, resp. The data are consistent with two pathways for the breakdown of quinol phosphate by Br in dry HCONMe2 involving both P-O and C-O bond fission.

IT **91721-17-4**, Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl-
(prepn. of)
RN 91721-17-4 CAPLUS
CN Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl- (7CI) (CA INDEX NAME)

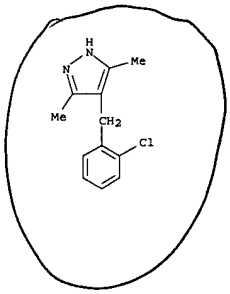


L4 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1964:411195 CAPLUS
DOCUMENT NUMBER: 61:11195
ORIGINAL REFERENCE NO.: 61:1807d-e
TITLE: Cyclization of o-chlorophenyl-.beta.-dicarbonyl compounds through dicarbanion-benzyne intermediates
AUTHOR(S): Harris, Thomas M.; Hauser, Charles R.
CORPORATE SOURCE: Duke Univ., Durham, NC
SOURCE: J. Org. Chem. (1964), 29(6), 1391-4
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

GI For diagram(s), see printed CA Issue.

AB Bunnett's principle of ring closure involving the intramol. reaction of an anion with the benzyne moiety was adapted to certain cyclizations in which the terminal Me group of an o-chlorophenyl .beta.-diketone or .beta.-oxoaldehyde was condensed with the aromatic ring through a dicarbanion-benzyne intermediate. The cyclizations, effected by excess KNH2 in liquid NH3, afforded, e.g. I and II.

IT **91721-17-4**, Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl-
(prepn. of)
RN 91721-17-4 CAPLUS
CN Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl- (7CI) (CA INDEX NAME)



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PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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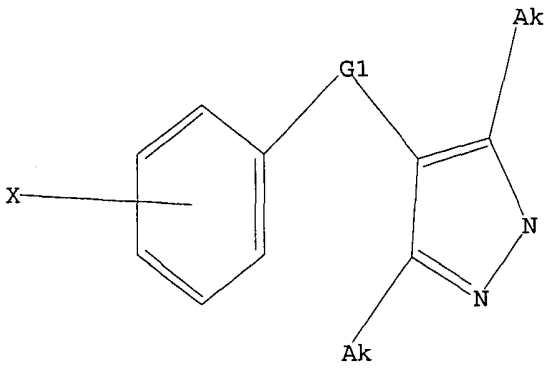

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L8 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:814087 CAPLUS
DOCUMENT NUMBER: 137:325234
TITLE: Preparation of aminophenyl (hetero)aryl ketones as p38
MAP kinase inhibitors for treatment of inflammatory diseases or conditions
INVENTOR(S): Havez, Sophie Elisabeth
PATENT ASSIGNEE(S): *Leo Pharma A/S, Den.*
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002083622	A2	20021024	WO 2002-DK236	20020410

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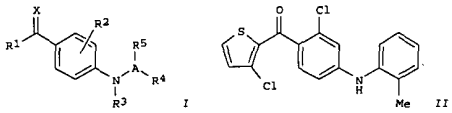
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-282494P P 20010410
OTHER SOURCE(S): MARPAT 137:325234
GI

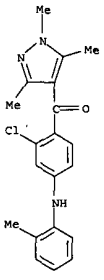


I II

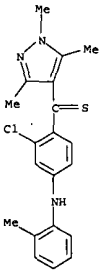
AB *Title compds. I [wherein R1 = (un)substituted heteroaryl; X = O, S, N(OH),*
or NR8; R8 = H or alkyl; R2 = H, halo(alkyl), hydroxy(alkyl), SH, CN, NO2,
(cyclo)alkyl, alkenyl, alkynyl, aralkyl, alkylaryl, (ar)alkoxy, alkylthio,
alkoxycarbonyl, alkylcarbonylamino, alkylcarboxy, alkylcarbonyl, NR6R7, or
CONR6R7; R3 = H, (cyclo)alkyl, (cyclo)alkenyl, alkynyl, CO2H, or aryl; A =
(hetero)aryl; R4 = H, halo(alkyl), hydroxy(alkyl), SH, CN, CO2H, NO2,

L8 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
(cyclo)alkyl, (cyclo)alkenyl, alkynyl, heterocycloalkyl, (hetero)aryl, aralkyl, alkylaryl, (ar)alkoxy, alkylthio, alkoxycarbonyl, alkylcarbonylamino, aminocarboaminoalkyl, aminosulfonyl, alkylsulfonylamino, alkylcarboxy, alkoxycarboxy, alkylsulfonyloxy, alkoxysulfonyl, alkylcarbonyl, NR6R7, or CONR6R7; R5 = H, halo(alkyl), hydroxy(alkyl), SH, CN, CO2H, carbamoyl, NH2, NO2, (cyclo)alkyl, (cyclo)alkenyl, alkynyl, heterocycloalkyl, (hetero)aryl, aralkyl, *alkylaryl, (ar)alkoxy, alkylthio, alkoxycarbonyl, alkylcarbonylamino,* aminocarboaminoalkyl, aminosulfonyl, alkylsulfonylamino, alkylcarboxy, alkoxycarboxy, alkylsulfonyloxy, alkoxysulfonyl, alkylcarbonyl, NR6R7, or CONR6R7; R6 and R7 = independently H, alkyl, aryl, etc.; or pharmaceutically acceptable salts, hydrates, solvates, or esters thereof] were prepd. as inhibitors of MAP kinases, in particular the p38 MAP kinase. For example, 2-bromo-3-chlorothiophene was coupled with 2-chloro-4-nitrobenzoyl chloride to give 2-chloro-4-nitrophenyl 3-chloro-2-thienyl ketone (44%), which was reduced to the amine (95%). Addn. of 2-bromotoluene afforded II (31%). The latter displayed potent inhibitory activity against p38.alpha. MAP kinase with IC50 of 93.3 nM and
inhibited prodn. of IL-1.beta., TNF-.alpha., and PMN-superoxide with IC50 values of 72 nM, 17 nM, and 6.3 nM, resp. Thus, I and compns. of I with other active components are useful as antiinflammatory agents in the prophylaxis or treatment of inflammatory diseases or conditions (no data).
IT **473423-05-1P**, [4-(2-Tolylamino)-2-chlorophenyl][1,3,5-trimethyl-4-pyrazolyl]ketone **473423-64-2P**, [4-(2-Tolylamino)-2-chlorophenyl][1,3,5-trimethyl-4-pyrazolyl]thioketone **473424-13-4P**, [4-(2-Tolylamino)-2-chlorophenyl][1,3,5-trimethyl-4-pyrazolyl]ketoxime
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(p38 MAP kinase inhibitor; prepn. of aminophenyl (hetero)aryl ketones as p38 MAP kinase inhibitors by coupling (halo)heterocycles with nitrobenzoyl chlorides followed by redn.)
RN 473423-05-1 CAPLUS
CN Methanone, [2-chloro-4-[(2-methylphenyl)amino]phenyl](1,3,5-trimethyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)

L8 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

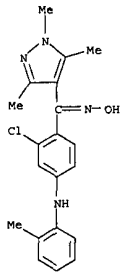


RN 473423-64-2 CAPLUS
CN Methanethione, [2-chloro-4-[(2-methylphenyl)amino]phenyl](1,3,5-trimethyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)



RN 473424-13-4 CAPLUS
CN Methanone, [2-chloro-4-[(2-methylphenyl)amino]phenyl](1,3,5-trimethyl-1H-pyrazol-4-yl)-, oxime (9CI) (CA INDEX NAME)

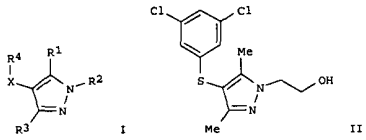
L8 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:51437 CAPLUS
DOCUMENT NUMBER: 136:118445
TITLE: *Pyrazole derivatives useful as reverse transcriptase* inhibitors, for the treatment of HIV infection, and their use, formulations, and preparation
INVENTOR(S): Corbau, Romuald Gaston; Mowbray, Charles Eric; Perros, Manoussos; Stupple, Paul Anthony; Wood, Anthony
PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.
SOURCE: PCT Int. Appl., 175 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002004424	A1	20020117	WO 2001-IB1174	20010621
WO 2002004424	C2	20021212		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002032184	A1	20020314	US 2001-899322	20010705

PRIORITY APPLN. INFO.: GB 2000-16787 A 20000707
US 2000-220087P P 20000721
OTHER SOURCE(S): MARPAT 136:118445
GI



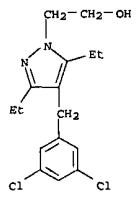
I II

AB The invention relates to the use of pyrazole derivs. I and pharmaceutically acceptable salts and solvates thereof, in the manuf. of a *reverse transcriptase inhibitor or modulator, to certain novel pyrazole* derivs. among these, and to processes for the prepn. of and compns. contg. such novel derivs. [wherein: (i) R1 = H, (un)substituted (cyclo)alkyl, Ph, or benzyl, halo, cyano, OH derivs., CO2H or derivs., NH2 or derivs., etc.; R2 = H or -YZ; or (ii) R1R2 = C3-4 alkylene where one CH2 may be replaced by O or (un)substituted NH; Y = bond or C1-3 alkylene; Z = (un)substituted alk(en/yn)yl, cycloalkyl, Ph, benzyl, or certain acylated or sulfonylated amino groups; R3 = H, (un)substituted (cyclo)alkyl, Ph, benzyl, cyano, halo, OH derivs., CO2H or derivs., NH2 or derivs.; R4 = (un)substituted Ph or pyridyl; X = (un)substituted CH2, CO, S, SO, or SO2]. The compds. are useful for treating infection by HIV or genetically related retroviruses, or a resultant case of AIDS. Examples include over 90 invention compds. and over 50 prepd. intermediates. For instance, coupling of 3-chloro-2,4-pentanedione with 3,5-dichlorothiophenol in the presence of NaI and K2CO3 gave the intermediate 3-[(3,5-dichlorophenyl)sulfanyl]-2,4-pentanedione. Cyclocondensation of this dione with (2-hydroxyethyl)hydrazine gave the invention pyrazole II. All example compds. inhibited recombinant HIV-1 reverse transcriptase in vitro with IC50 values of < 100 .mu.M.

IT **390355-01-8P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethanol **390355-06-3P**, Ethyl [4-(3,5-dichlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-10-9P**, 4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazole **390355-16-5P**, 4-(3,5-Dichlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-17-6P**, 4-(3,5-Difluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-19-8P**, 4-(3-Chlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-20-1P**, 2-[4-[(3,5-Dichlorophenyl)sulfanyl]-3,5-dimethyl-1H-pyrazol-1-yl]ethanol **390355-22-3P**, 4-(3,5-Dichlorobenzyl)-3,5-dimethyl-1H-pyrazole **390355-37-0P**, Ethyl 3-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]propanoate **390355-40-5P**, [4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]methanol **390355-42-7P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethanamine **390355-45-0P**, Ethyl 4-[(3,5-dichlorophenyl)sulfanyl]-5-ethyl-1-(2-hydroxyethyl)-1H-pyrazole-3-carboxylate **390355-46-1P**, Ethyl 4-[(3,5-dichlorophenyl)sulfanyl]-3-ethyl-1-(2-hydroxyethyl)-1H-pyrazole-5-carboxylate **390355-83-6P**, Ethyl 4-(3,5-dichlorobenzyl)-1-(2-hydroxyethyl)-5-methyl-1H-pyrazole-3-carboxylate **390355-92-7P**, 2-[4-[(3,5-Dibromophenyl)sulfanyl]-3,5-diethyl-1H-pyrazol-1-yl]ethanol
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(drug candidate; prepn. of pyrazole derivs. as reverse transcriptase inhibitors for the treatment of HIV infection and AIDS)

RN 390355-01-8 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-06-3 CAPLUS
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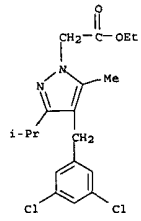

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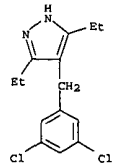
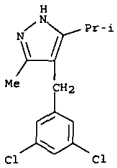
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

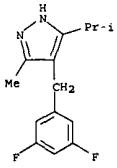


RN 390355-16-5 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methyl]-3-methyl-5-(1-methylethyl)-

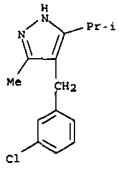
L8 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
(9CI) (CA INDEX NAME)



RN 390355-17-6 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-difluorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 390355-19-8 CAPLUS
CN 1H-Pyrazole, 4-[(3-chlorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 390355-20-1 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)thio]-3,5-dimethyl- (9CI) (CA INDEX NAME)

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NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 41	Jan 21	PHARMAML offering one free connect hour in February 2003

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 NEWS EXPRESS  January 6 CURRENT WINDOWS VERSION IS V6.01a,
               CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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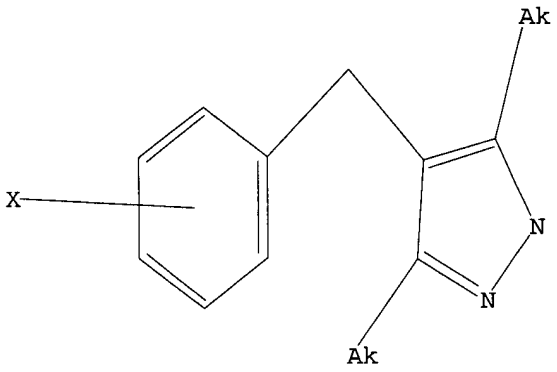

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FILE COVERS 1907 - 23 Jan 2003 VOL 138 ISS 4
FILE LAST UPDATED: 22 Jan 2003 (20030122/ED)

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  substance identification.

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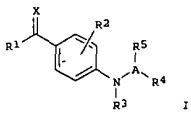
09899322

L4 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:814087 CAPLUS
DOCUMENT NUMBER: 137:325234
TITLE: Preparation of aminophenyl (hetero)aryl ketones as p38
MAP kinase inhibitors for treatment of inflammatory diseases or conditions
INVENTOR(S): Havez, Sophie Elisabeth
PATENT ASSIGNEE(S): Leo Pharma A/S, Den.
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002083622	A2	20021024	WO 2002-DK236	20020410

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-282494P P 20010410
OTHER SOURCE(S): MARPAT 137:325234
GI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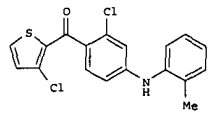

II

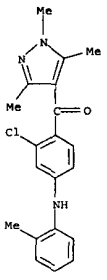
AB Title compds. I [wherein R1 = (un)substituted heteroaryl; X = O, S, N(OH), or NR8; R8 = H or alkyl; R2 = H, halo(alkyl), hydroxy(alkyl), SH, CN, NO2, (cyclo)alkyl, alkenyl, alkynyl, aralkyl, alkylaryl, (ar)alkoxy, alkylthio, alkoxycarbonyl, alkylcarbonylamino, alkylcarboxy, alkylcarbonyl, NR6R7, or CONR6R7; R3 = H, (cyclo)alkyl, (cyclo)alkenyl, alkynyl, CO2H, or aryl; A = (hetero)aryl; R4 = H, halo(alkyl), hydroxy(alkyl), SH, CN, CO2H, NO2,

L4 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
(cyclo)alkyl, (cyclo)alkenyl, alkynyl, heterocycloalkyl, (hetero)aryl, aralkyl, alkylaryl, (ar)alkoxy, alkylthio, alkoxycarbonyl, alkylcarbonylamino, aminocarboaminoalkyl, aminosulfonyl, alkylsulfonylamino, alkylcarboxy, alkoxycarboxy, alkylsulfonyloxy, alkoxysulfonyl, alkylcarbonyl, NR6R7, or CONR6R7; R5 = H, halo(alkyl), hydroxy(alkyl), SH, CN, CO2H, carbamoyl, NH2, NO2, (cyclo)alkyl, (cyclo)alkenyl, alkynyl, heterocycloalkyl, (hetero)aryl, aralkyl, alkylaryl, (ar)alkoxy, alkylthio, alkoxycarbonyl, alkylcarbonylamino, aminocarboaminoalkyl, aminosulfonyl, alkylsulfonylamino, alkylcarboxy, alkoxycarboxy, alkylsulfonyloxy, alkoxysulfonyl, alkylcarbonyl, NR6R7, or CONR6R7; R6 and R7 = independently H, alkyl, aryl, etc.; or pharmaceutically acceptable salts, hydrates, solvates, or esters thereof] were prepd. as inhibitors of MAP kinases, in particular the p38 MAP kinase. For example, 2-bromo-3-chlorothiophene was coupled with 2-chloro-4-nitrobenzoyl chloride to give 2-chloro-4-nitrophenyl 3-chloro-2-thienyl ketone (44%), which was reduced to the amine (95%). Addn. of 2-bromotoluene afforded II (31%). The latter displayed potent inhibitory activity against p38.alpha. MAP kinase with IC50 of 93.3 nM and inhibited prodn. of IL-1.beta., TNF-.alpha., and PMN-superoxide with IC50 values of 72 nM, 17 nM, and 6.3 nM, resp. Thus, I and compns. of I with other active components are useful as antiinflammatory agents in the prophylaxis or treatment of inflammatory diseases or conditions (no data).

IT **473423-05-1P**, [4-(2-Tolylamino)-2-chlorophenyl][1,3,5-trimethyl-4-pyrazolyl]ketone **473423-64-2P**, [4-(2-Tolylamino)-2-chlorophenyl][1,3,5-trimethyl-4-pyrazolyl]thioketone **473424-13-4P**, [4-(2-Tolylamino)-2-chlorophenyl][1,3,5-trimethyl-4-pyrazolyl]ketoxime
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(p38 MAP kinase inhibitor; prepn. of aminophenyl (hetero)aryl ketones as p38 MAP kinase inhibitors by coupling (halo)heterocycles with nitrobenzoyl chlorides followed by redn.)

RN 473423-05-1 CAPLUS
CN Methanone, [2-chloro-4-[(2-methylphenyl)amino]phenyl](1,3,5-trimethyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



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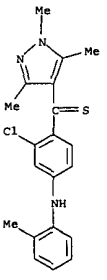
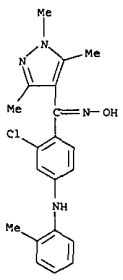


RN 473424-13-4 CAPLUS
CN Methanone, [2-chloro-4-[(2-methylphenyl)amino]phenyl](1,3,5-trimethyl-1H-pyrazol-4-yl)-, oxime (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



Appl. Cont.

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:51437 CAPLUS
DOCUMENT NUMBER: 136:118445
TITLE: Pyrazole derivatives useful as reverse transcriptase inhibitors, for the treatment of HIV infection, and their use, formulations, and preparation
INVENTOR(S): Corbau, Romuald Gaston; Mowbray, Charles Eric; Perros, Manoussos; Stupple, Paul Anthony; Wood, Anthony
PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.
SOURCE: PCT Int. Appl., 175 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002004424	A1	20020117	WO 2001-IB1174	20010621
WO 2002004424	C2	20021212		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002032184	A1	20020314	US 2001-899322	20010705

PRIORITY APPLN. INFO.: GB 2000-16787 A 20000707
US 2000-220087P P 20000721
OTHER SOURCE(S): MARPAT 136:118445
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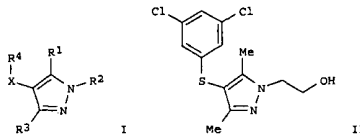


I II

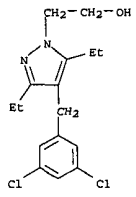
AB The invention relates to the use of pyrazole derivs. I and pharmaceutically acceptable salts and solvates thereof, in the manuf. of a reverse transcriptase inhibitor or modulator, to certain novel pyrazole

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
derivs. among these, and to processes for the prepn. of and compns. contg. such novel derivs. [wherein: (i) R1 = H, (un)substituted (cyclo)alkyl, Ph, or benzyl, halo, cyano, OH derivs., CO2H or derivs., NH2 or derivs., etc.; R2 = H or -YZ; or (ii) R1R2 = C3-4 alkylene where one CH2 may be replaced by O or (un)substituted NH; Y = bond or C1-3 alkylene; Z = (un)substituted alk(en/yn)yl, cycloalkyl, Ph, benzyl, or certain acylated or sulfonylated amino groups; R3 = H, (un)substituted (cyclo)alkyl, Ph, benzyl, cyano, halo, OH derivs., CO2H or derivs., NH2 or derivs.; R4 = (un)substituted Ph or pyridyl; X = (un)substituted CH2, CO, S, SO, or SO2]. The compds. are useful for treating infection by HIV or genetically related retroviruses, or a resultant case of AIDS. Examples include over 90 invention compds. and over 50 prepd. intermediates. For instance, coupling of 3-chloro-2,4-pentanedione with 3,5-dichlorothiophenol in the presence of NaI and K2CO3 gave the intermediate 3-[(3,5-dichlorophenyl)sulfanyl]-2,4-pentanedione. Cyclocondensation of this dione with (2-hydroxyethyl)hydrazine gave the invention pyrazole II. All example compds. inhibited recombinant HIV-1 reverse transcriptase in vitro with IC50 values of < 100 .mu.M.

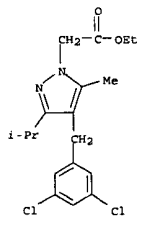
IT **390355-01-8P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethanol **390355-06-3P**, Ethyl [4-(3,5-dichlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-10-9P**, 4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazole **390355-16-5P**, 4-(3,5-Dichlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-17-6P**, 4-(3,5-Difluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-19-8P**, 4-(3-Chlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-22-3P**, 4-(3,5-Dichlorobenzyl)-3,5-dimethyl-1H-pyrazole **390355-37-0P**, Ethyl 3-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]propanoate **390355-40-5P**, [4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]methanol **390355-42-7P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethanamine **390355-83-6P**, Ethyl 4-(3,5-dichlorobenzyl)-1-(2-hydroxyethyl)-5-methyl-1H-pyrazole-3-carboxylate
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(drug candidate; prepn. of pyrazole derivs. as reverse transcriptase inhibitors for the treatment of HIV infection and AIDS)

RN 390355-01-8 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

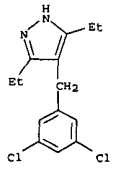
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-06-3 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3,5-dichlorophenyl)methyl]-5-methyl-3-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

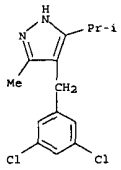


RN 390355-10-9 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

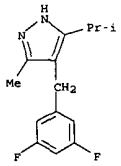


RN 390355-16-5 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methyl]-3-methyl-5-(1-methylethyl)-

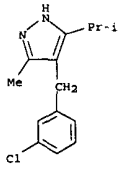
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
(9CI) (CA INDEX NAME)



RN 390355-17-6 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-difluorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 390355-19-8 CAPLUS
CN 1H-Pyrazole, 4-[(3-chlorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 390355-22-3 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

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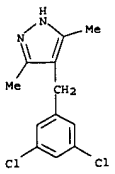
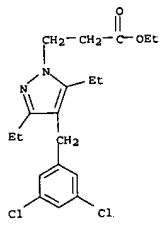
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

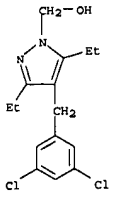


RN 390355-37-0 CAPLUS
CN 1H-Pyrazole-1-propanoic acid, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, ethyl ester (9CI) (CA INDEX NAME)

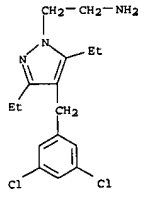


RN 390355-40-5 CAPLUS
CN 1H-Pyrazole-1-methanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

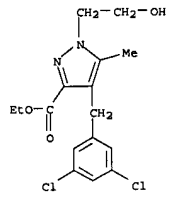
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-42-7 CAPLUS
CN 1H-Pyrazole-1-ethanamine, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)



RN 390355-83-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3,5-dichlorophenyl)methyl]-1-(2-hydroxyethyl)-5-methyl-, ethyl ester (9CI) (CA INDEX NAME)



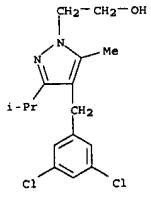
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

IT **390355-00-7P**, 2-[4-(3,5-Dichlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-02-9P**, 2-[4-(3-Chlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-03-0P**, 2-[4-(3,5-Difluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-04-1P**, 2-[4-(3-Fluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-05-2P**, 2-[4-(3,5-Dichlorobenzyl)-5-isopropyl-3-methyl-1H-pyrazol-1-yl]ethanol **390355-07-4P**, Ethyl [4-(3,5-dichlorobenzyl)-5-isopropyl-3-methyl-1H-pyrazol-1-yl]acetate **390355-08-5P**, Ethyl [4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]acetate **390355-09-6P**, Ethyl [4-(3-fluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-11-0P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-dimethyl-1H-pyrazol-1-yl]ethanol **390355-12-1P**, 2-[4-(3,5-Dichlorobenzyl)-5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanol **390355-14-3P**, Ethyl [4-(3-chlorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-15-4P**, Ethyl [4-(3,5-difluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazol-1-yl]acetate **390355-18-7P**, 4-(3-Fluorobenzyl)-3-isopropyl-5-methyl-1H-pyrazole **390355-23-4P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-dimethyl-1H-pyrazol-1-yl]ethanamine **390355-24-5P**, 2-[4-(3,5-Dichlorobenzyl)-5-ethyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanol **390355-25-6P**, 2-[4-(3,5-Dichlorobenzyl)-3-ethyl-5-(trifluoromethyl)-1H-pyrazol-1-yl]ethanol **390355-26-7P**, 2-[4-(3,5-Dichlorobenzyl)-5-ethyl-3-methyl-1H-pyrazol-1-yl]ethanol **390355-27-8P**, 2-[4-(3,5-Dichlorobenzyl)-3-ethyl-5-methyl-1H-pyrazol-1-yl]ethanol **390355-32-5P**, (3,5-Dichlorophenyl)[3,5-diethyl-1-(2-hydroxyethyl)-1H-pyrazol-4-yl]methanone **390355-33-6P**, (.+-.)-2-[4-[(3,5-Dichlorophenyl)(methoxy)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethanol **390355-34-7P**, 2-[4-(2,6-Difluorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethanol **390355-35-8P**, 2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl carbamate **390355-36-9P**, Methyl 3-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]propanoate **390355-38-1P**, 3-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]propanamide **390355-39-2P**, 3-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]-1-propanol **390355-41-6P**, [4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]methyl carbamate **390355-43-8P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]benzamide **390355-44-9P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1-methyl-1H-imidazole-4-sulfonamide **390355-49-4P**, 3-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]-1-propanamine **390355-51-8P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2,2-difluoroacetamide **390355-52-9P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]ethanediamide **390355-53-0P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-6-oxo-1,6-dihydro-3-pyridazinecarboxamide **390355-54-1P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,5-dimethyl-1H-pyrazole-3-carboxamide **390355-55-2P**, 2-[(Aminocarbonyl)amino]-N-[2-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]acetamide **390355-56-3P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-ethoxyacetamide **390355-57-4P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-pyridinecarboxamide **390355-58-5P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-methoxyacetamide **390355-59-6P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-6-oxo-1,6-dihydro-2-pyridinecarboxamide **390355-60-9P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-pyrazinecarboxamide

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

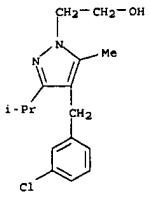
390355-61-0P, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-oxo-2H-pyran-5-carboxamide **390355-62-1P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-(1H-tetrazol-1-yl)acetamide **390355-63-2P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]tetrahydro-2-furancarboxamide **390355-64-3P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-3-hydroxybenzamide **390355-65-4P**, N-[2-[4-(3,5-Dichlorobenzyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-hydroxyacetamide **390355-66-5P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,2,3-thiadiazole-4-carboxamide **390355-67-6P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-(dimethylamino)acetamide **390355-68-7P**, 2-Cyano-N-[2-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]acetamide **390355-69-8P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-fluorobenzamide **390355-70-1P*****, **[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]methyl phenyl imidodicarbonate** *****390355-71-2P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-N'-(2,6-difluorobenzoyl)urea **390355-72-3P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-N'-propylurea **390355-73-4P**, N-Benzoyl-N'-[2-[4-(3,5-dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]urea **390355-74-5P**, N-[2-[4-(3,5-Dichlorobenzyl)-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2,4-dioxo-1,2,3,4-tetrahydro-5-pyrimidinesulfonamide **390355-84-7P**, Ethyl 4-(3,5-dichlorobenzyl)-1-(2-hydroxyethyl)-3-methyl-1H-pyrazole-5-carboxylate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; prepn. of pyrazole derivs. as reverse transcriptase inhibitors for the treatment of HIV infection and AIDS)

RN 390355-00-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

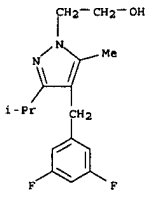


RN 390355-02-9 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3-chlorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

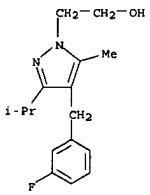
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



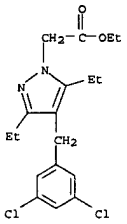
RN 390355-03-0 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-difluorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)



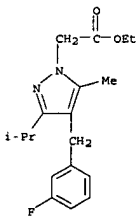
RN 390355-04-1 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3-fluorophenyl)methyl]-5-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)



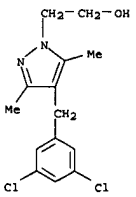
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-09-6 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3-fluorophenyl)methyl]-5-methyl-3-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

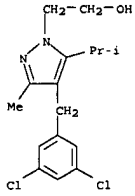


RN 390355-11-0 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

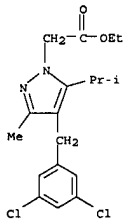


L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 390355-05-2 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



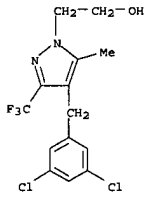
RN 390355-07-4 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3,5-dichlorophenyl)methyl]-3-methyl-5-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)



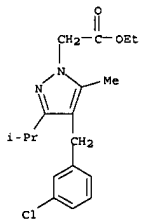
RN 390355-08-5 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 390355-12-1 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

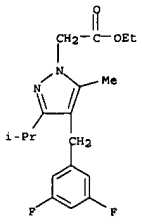


RN 390355-14-3 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3-chlorophenyl)methyl]-5-methyl-3-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

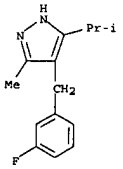


RN 390355-15-4 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 4-[(3,5-difluorophenyl)methyl]-5-methyl-3-(1-methylethyl)-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

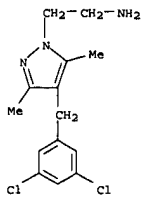


RN 390355-18-7 CAPLUS
CN 1H-Pyrazole, 4-[(3-fluorophenyl)methyl]-3-methyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)

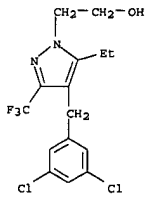


RN 390355-23-4 CAPLUS
CN 1H-Pyrazole-1-ethanamine, 4-[(3,5-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

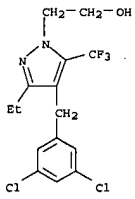
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-24-5 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

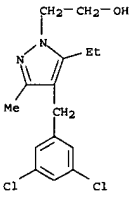


RN 390355-25-6 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3-ethyl-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

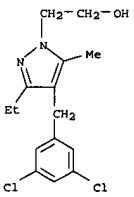


L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 390355-26-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-5-ethyl-3-methyl- (9CI) (CA INDEX NAME)

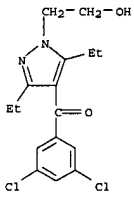


RN 390355-27-8 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3-ethyl-5-methyl- (9CI) (CA INDEX NAME)

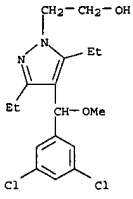


RN 390355-32-5 CAPLUS
CN Methanone, (3,5-dichlorophenyl)[3,5-diethyl-1-(2-hydroxyethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)

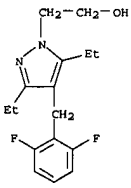
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 390355-33-6 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methoxymethyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

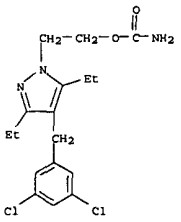


RN 390355-34-7 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(2,6-difluorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

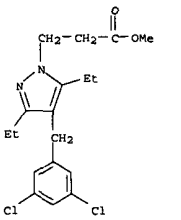


RN 390355-35-8 CAPLUS
CN 1H-Pyrazole-1-ethanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, carbamate (ester) (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

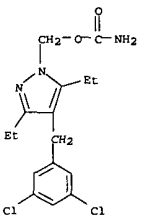


RN 390355-36-9 CAPLUS
CN 1H-Pyrazole-1-propanoic acid, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, methyl ester (9CI) (CA INDEX NAME)

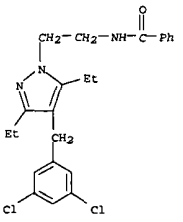


RN 390355-38-1 CAPLUS
CN 1H-Pyrazole-1-propanamide, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

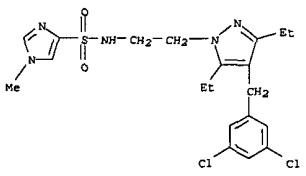
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



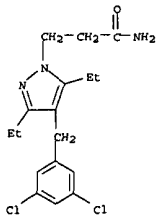
RN 390355-43-8 CAPLUS
CN Benzamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)



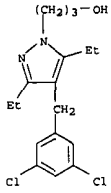
RN 390355-44-9 CAPLUS
CN 1H-Imidazole-4-sulfonamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



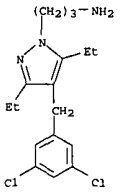
RN 390355-39-2 CAPLUS
CN 1H-Pyrazole-1-propanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)



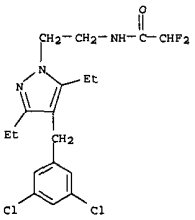
RN 390355-41-6 CAPLUS
CN 1H-Pyrazole-1-methanol, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-, carbamate (ester) (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 390355-49-4 CAPLUS
CN 1H-Pyrazole-1-propanamine, 4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

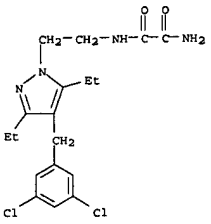


RN 390355-51-8 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2,2-difluoro- (9CI) (CA INDEX NAME)

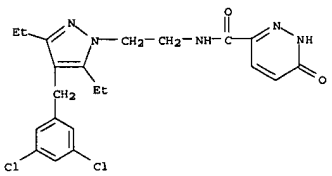


RN 390355-52-9 CAPLUS
CN Ethanediamide, [2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

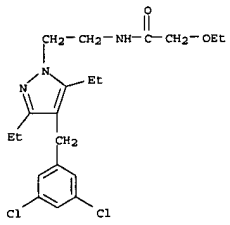


RN 390355-53-0 CAPLUS
CN 3-Pyridazinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,6-dihydro-6-oxo- (9CI) (CA INDEX NAME)

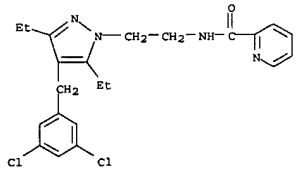


RN 390355-54-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,5-dimethyl- (9CI) (CA INDEX NAME)

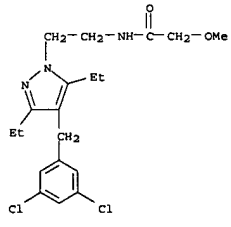
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



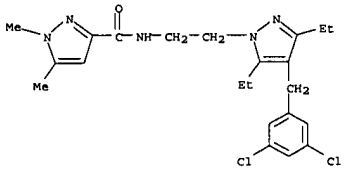
RN 390355-57-4 CAPLUS
CN 2-Pyridinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)



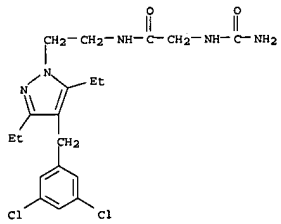
RN 390355-58-5 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-methoxy- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



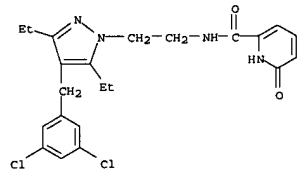
RN 390355-55-2 CAPLUS
CN Acetamide, 2-[(aminocarbonyl)amino]-N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)



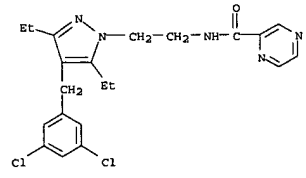
RN 390355-56-3 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-ethoxy- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

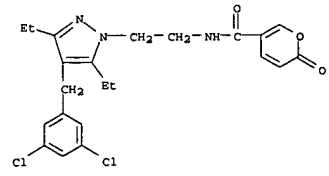
RN 390355-59-6 CAPLUS
CN 2-Pyridinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,6-dihydro-6-oxo- (9CI) (CA INDEX NAME)



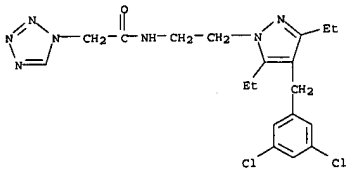
RN 390355-60-9 CAPLUS
CN Pyrazinecarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)



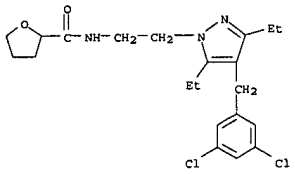
RN 390355-61-0 CAPLUS
CN 2H-Pyran-5-carboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-oxo- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 390355-62-1 CAPLUS
CN 1H-Tetrazole-1-acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

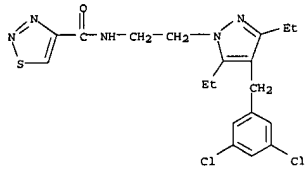


RN 390355-63-2 CAPLUS
CN 2-Furancarboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]tetrahydro- (9CI) (CA INDEX NAME)

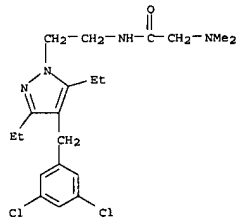


RN 390355-64-3 CAPLUS
CN Benzamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-3-hydroxy- (9CI) (CA INDEX NAME)

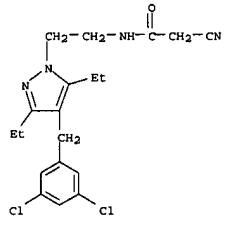
L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



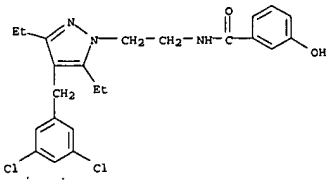
RN 390355-67-6 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-(dimethylamino)- (9CI) (CA INDEX NAME)



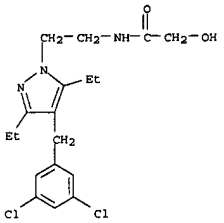
RN 390355-68-7 CAPLUS
CN Acetamide, 2-cyano-N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

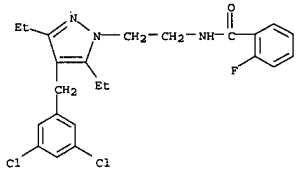


RN 390355-65-4 CAPLUS
CN Acetamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-hydroxy- (9CI) (CA INDEX NAME)

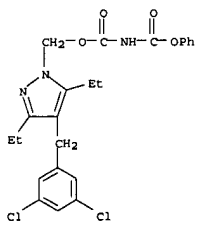


RN 390355-66-5 CAPLUS
CN 1,2,3-Thiadiazole-4-carboxamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 390355-69-8 CAPLUS
CN Benzamide, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-2-fluoro- (9CI) (CA INDEX NAME)

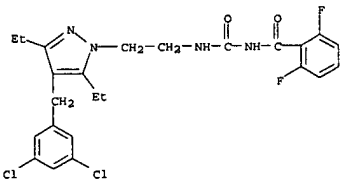


RN 390355-70-1 CAPLUS
CN Imidodicarbonic acid, [4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]methyl phenyl ester (9CI) (CA INDEX NAME)

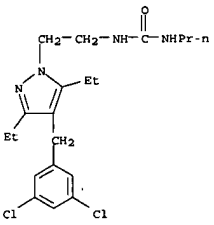


RN 390355-71-2 CAPLUS
CN Benzamide, N-[[[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]amino]carbonyl]-2,6-difluoro- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

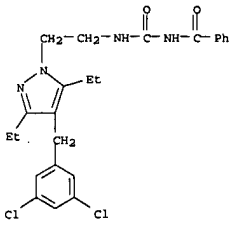


RN 390355-72-3 CAPLUS
CN Urea, N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-N'-propyl- (9CI) (CA INDEX NAME)

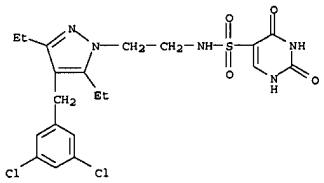


RN 390355-73-4 CAPLUS
CN Benzamide,
N-[[[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]amino]carbonyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

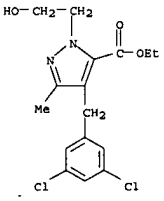


RN 390355-74-5 CAPLUS
CN 5-Pyrimidinesulfonamide,
N-[2-[4-[(3,5-dichlorophenyl)methyl]-3,5-diethyl-1H-pyrazol-1-yl]ethyl]-1,2,3,4-tetrahydro-2,4-dioxo- (9CI) (CA INDEX NAME)



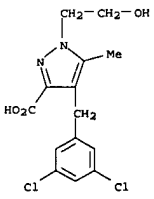
RN 390355-84-7 CAPLUS
CN 1H-Pyrazole-5-carboxylic acid, 4-[(3,5-dichlorophenyl)methyl]-1-(2-hydroxyethyl)-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



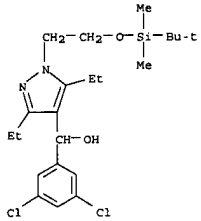
IT **390356-22-6P**, 4-(3,5-Dichlorobenzyl)-1-(2-hydroxyethyl)-5-methyl-1H-pyrazole-3-carboxylic acid **390356-29-3P**, [1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-3,5-diethyl-1H-pyrazol-4-yl](3,5-dichlorophenyl)methanol **390356-30-6P**, [1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-3,5-diethyl-1H-pyrazol-4-yl](3,5-dichlorophenyl)methanone **390356-31-7P**, 1-[2-[(tert-Butyldimethylsilyl)oxy]ethyl]-4-[(3,5-dichlorophenyl)(methoxy)methyl]-3,5-diethyl-1H-pyrazole
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of pyrazole derivs. as reverse transcriptase inhibitors for the treatment of HIV infection and AIDS)

RN 390356-22-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3,5-dichlorophenyl)methyl]-1-(2-hydroxyethyl)-5-methyl- (9CI) (CA INDEX NAME)

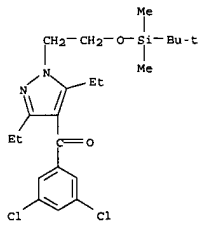


RN 390356-29-3 CAPLUS
CN 1H-Pyrazole-4-methanol, .alpha.-(3,5-dichlorophenyl)-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

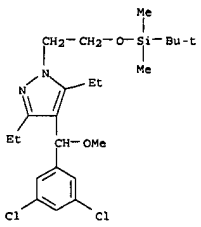


RN 390356-30-6 CAPLUS
CN Methanone,
(3,5-dichlorophenyl)[1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-3,5-diethyl-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



RN 390356-31-7 CAPLUS
CN 1H-Pyrazole, 4-[(3,5-dichlorophenyl)methoxymethyl]-1-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-3,5-diethyl- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:31482 CAPLUS
DOCUMENT NUMBER: 136:79802
TITLE: Modulators of cellular proliferation and angiogenesis, methods for use and identification thereof
INVENTOR(S): Pillarisetti, Sivaram; Goldberg, Itzhak D.
PATENT ASSIGNEE(S): North Shore-Long Island Jewish Health System, USA
SOURCE: PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002593	A2	20020110	WO 2001-US20849	20010629
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001077854	A5	20020114	AU 2001-77854	20010629

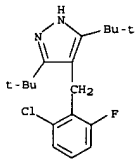
PRIORITY APPLN. INFO.: US 2000-606628 A2 20000629
WO 2001-US20849 W 20010629
OTHER SOURCE(S): MARPAT 136:79802

AB The invention is directed to small org. mols. and peptides having the ability to mimic or agonize hepatocyte growth factor/ scatter factor (HGF/SF) activity, or inhibit or antagonize HGF/SF activity, the former useful for promoting, for example, vascularization of tissues or organs for promoting wound or tissue healing, or augmenting or restoring blood flow to ischemic tissues such as the heart following myocardial infarction. Inhibition of cellular growth or proliferation is beneficial in the treatment, for example, of inflammatory diseases such as inflammatory joint and skin diseases, and dysproliferative diseases such as cancer.

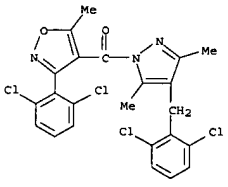
IT **261349-35-3 387352-92-3 387352-93-4 387352-94-5 387352-95-6 387352-96-7 387352-97-8 387352-98-9 387352-99-0 387353-00-6 387353-01-7**
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(peptide and small-mol. modulators of cellular proliferation and angiogenesis)

RN 261349-35-3 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-3,5-bis(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

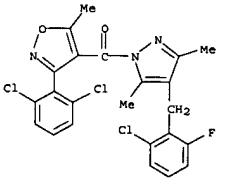
L4 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 387352-92-3 CAPLUS
CN 1H-Pyrazole, 4-[(2,6-dichlorophenyl)methyl]-1-[[3-(2,6-dichlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

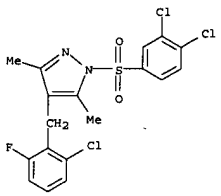


RN 387352-93-4 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-[[3-(2,6-dichlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

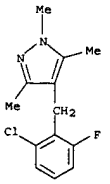


RN 387352-94-5 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-[(3,4-dichlorophenyl)sulfonyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

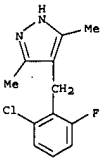
L4 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 387352-95-6 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1,3,5-trimethyl- (9CI) (CA INDEX NAME)

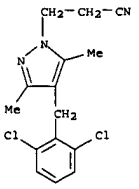


RN 387352-96-7 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

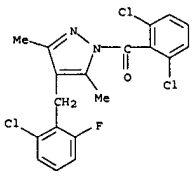


RN 387352-97-8 CAPLUS
CN 1H-Pyrazole-1-propanenitrile, 4-[(2,6-dichlorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

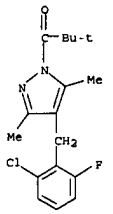


RN 387352-98-9 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-(2,6-dichlorobenzoyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

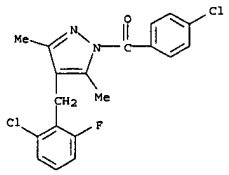


RN 387352-99-0 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-1-(2,2-dimethyl-1-oxopropyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

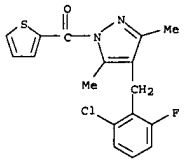
L4 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 387353-00-6 CAPLUS
CN 1H-Pyrazole, 1-(4-chlorobenzoyl)-4-[(2-chloro-6-fluorophenyl)methyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)



RN 387353-01-7 CAPLUS
CN 1H-Pyrazole, 4-[(2-chloro-6-fluorophenyl)methyl]-3,5-dimethyl-1-(2-thienylcarbonyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

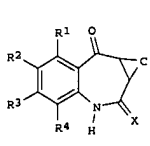
L4 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:618103 CAPLUS
DOCUMENT NUMBER: 127:278193
TITLE: Preparation of azolobenzazepines as neurologically active agents
INVENTOR(S): Brush, Kelly Anne; Chapdelaine, Marc Jerome; Frazee, William Jackson; Garcia-Davenport, Laura Enid; Lewis, Joseph James
PATENT ASSIGNEE(S): Zeneca Ltd., UK; Brush, Kelly Anne; Chapdelaine, Marc Jerome; Frazee, William Jackson; Garcia-Davenport, Laura Enid; Lewis, Joseph James
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

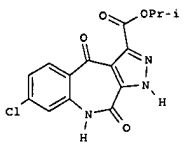
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9732883	A1	19970912	WO 1997-GB592	19970304
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2247453	AA	19970912	CA 1997-2247453	19970304
AU 9722253	A1	19970922	AU 1997-22253	19970304
AU 723860	B2	20000907		
EP 888350	A1	19990107	EP 1997-905327	19970304
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1224424	A	19990728	CN 1997-192864	19970304
CN 1084747	B	20020515		
JP 2000506160	T2	20000523	JP 1997-531562	19970304
ZA 9701964	A	19970908	ZA 1997-1964	19970306
US 6124281	A	20000926	US 1998-142221	19980903
NO 9804106	A	19981106	NO 1998-4106	19980907
US 6313290	B1	20011106	US 2000-668261	20000922

PRIORITY APPLN. INFO.: US 1996-13528P P 19960308
WO 1997-GB592 W 19970304
US 1998-142221 A3 19980903

OTHER SOURCE(S): MARPAT 127:278193
GI



I



II

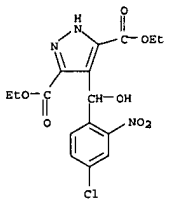
L4 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

AB The title compds. [I; X = O, S; R1-R4 = H, perfluoro-lower-alkyl, halo, NO2, CN; C together with the carbon atoms to which it is attached forms a 5-membered arom. heterocycle], useful for the treatment of neurol. disorders such as stroke, were prepd. and formulated. Thus, reaction of

7-chloro-3-(ethoxycarbonyl)pyrazolo[3,4-c][1]benzazepine-4,10(1H,9H)-dione with 2-propanol in the presence of conc. HCl afforded 48% II which showed IC50 of 0.064 .mu.M against [3H]-glycine binding at the N-methyl-D-aapartate receptor.

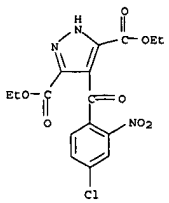
IT **196864-34-3P 196864-35-4P 196864-36-5P**
196864-44-5P 196864-45-6P 196864-46-7P
196864-47-8P 196864-50-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of azolobenzazepines as neurol. active agents)

RN 196864-34-3 CAPLUS
CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-[(4-chloro-2-nitrophenyl)hydroxymethyl]-, diethyl ester (9CI) (CA INDEX NAME)

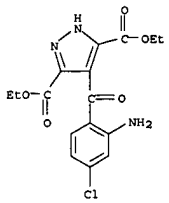


RN 196864-35-4 CAPLUS
CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-(4-chloro-2-nitrobenzoyl)-, diethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

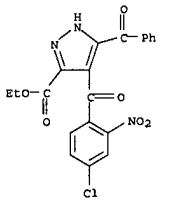


RN 196864-36-5 CAPLUS
CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-(2-amino-4-chlorobenzoyl)-, diethyl ester (9CI) (CA INDEX NAME)

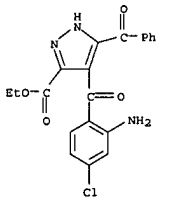


RN 196864-44-5 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 3-benzoyl-5-(4-chloro-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)

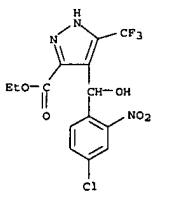
L4 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 196864-45-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(2-amino-4-chlorobenzoyl)-5-benzoyl-, ethyl ester (9CI) (CA INDEX NAME)

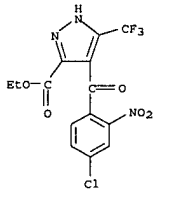


RN 196864-46-7 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(4-chloro-2-nitrophenyl)hydroxymethyl]-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)

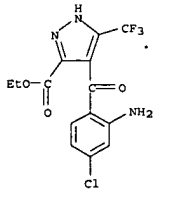


L4 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

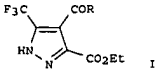
RN 196864-47-8 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(4-chloro-2-nitrobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 196864-50-3 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(2-amino-4-chlorobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)

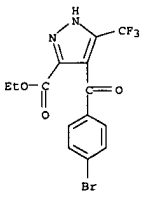


L4 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:348157 CAPLUS
DOCUMENT NUMBER: 125:142618
TITLE: An efficient synthesis of ethyl 4-aroyl-5-trifluoromethylpyrazole 3-carboxylates
AUTHOR(S): Cyrener, Joerg; Lauterbach, Christa; Burger, Klaus
CORPORATE SOURCE: Department of Organic Chemistry, University of Leipzig, Talstr. 35, 03410, Leipzig, Germany
SOURCE: Journal of Fluorine Chemistry (1996), 78(1), 55-58
CODEN: JFLCAR; ISSN: 0022-1139
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 125:142618
GI



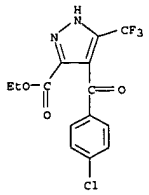
I

AB Et 4-aroyl-5-trifluoromethylpyrazole 3-carboxylates I (R = Ph, 4-BrC6H4, 4-ClC6H4, 2-naphthyl) have been synthesized from readily available 4,4-bis(trifluoromethyl)-1-oxabuta-1,3-dienes (vinyl ketone) and Et diazoacetate and subsequent thermally induced elimination of trifluoromethane in good yield.
IT **179612-96-5P 179612-97-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(two-step prepn. of Et 4-aroyl-5-trifluoromethylpyrazole 3-carboxylates via Et diazoacetate and vinyl ketones)
RN 179612-96-5 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(4-bromobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 179612-97-6 CAPLUS

L4 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN 1H-Pyrazole-3-carboxylic acid, 4-(4-chlorobenzoyl)-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



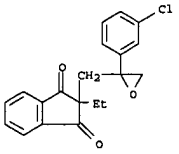
L4 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:340802 CAPLUS
DOCUMENT NUMBER: 122:99346
TITLE: Synergic herbicides containing pyrazole and indandione derivatives
INVENTOR(S): Ikeda, Osamu; Minami, Noriko
PATENT ASSIGNEE(S): Mitsubishi Chem Ind, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06298612	A2	19941025	JP 1993-88643	19930415

PRIORITY APPLN. INFO.: JP 1993-88643 19930415
AB A synergistic herbicide esp. effective in rice paddies contains 2-[2-(3-chlorophenyl)-2,3-epoxypropyl]-2-ethylindan-3-dione with .gtoreq. 1 compd. selected from the group comprising 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl-p-toluenesulfonate, 4-(2,4-dichlorobenzoyl)-1,3-dimethyl-5-phenacyloxypyrazole, and 4-(2,4-dichloro-3-methylbenzoyl)-1,3-dimethyl-5-(4-methylphenacyloxy)pyrazole.
IT **160780-74-5 160780-76-7**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(synergic herbicides contg. pyrazole and indandione derivs.)
RN 160780-74-5 CAPLUS
CN 1H-Indene-1,3(2H)-dione, 2-[[2-(3-chlorophenyl)oxiranyl]methyl]-2-ethyl-, mixt. with 2-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-phenylethanone (9CI) (CA INDEX NAME)

CM 1

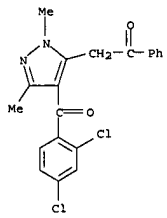
CRN 133220-30-1
CMF C20 H17 Cl O3



CM 2

CRN 81860-84-6
CMF C20 H16 Cl2 N2 O2

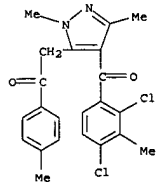
L4 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 160780-76-7 CAPLUS
CN 1H-Indene-1,3(2H)-dione, 2-[[2-(3-chlorophenyl)oxiranyl]methyl]-2-ethyl-, mixt. with 2-[4-(2,4-dichloro-3-methylbenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-(4-methylphenyl)ethanone (9CI) (CA INDEX NAME)

CM 1

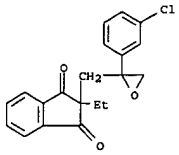
CRN 160780-75-6
CMF C22 H20 Cl2 N2 O2



CM 2

CRN 133220-30-1
CMF C20 H17 Cl O3

L4 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

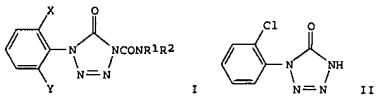


L4 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:457514 CAPLUS
DOCUMENT NUMBER: 121:57514
TITLE: Preparation of tetrazolinones as herbicides for use in a rice paddy
INVENTOR(S): Goto, Toshio; Hayakawa, Hidenori; Watanabe, Yukiyoshi; Narabu, Shinichi; Yanagi, Akihiko
PATENT ASSIGNEE(S): Nihon Bayer Agrochem K.K., Japan
SOURCE: Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 578090	A2	19940112	EP 1993-110272	19930628
EP 578090	A3	19940427		
EP 578090	B1	19961227		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
JP 06199818	A2	19940719	JP 1992-312607	19921029
AU 9341561	A1	19940113	AU 1993-41561	19930628
AU 661162	B2	19950713		
ES 2095524	T3	19970216	ES 1993-110272	19930628
US 5347010	A	19940913	US 1993-86606	19930701
CA 2099930	AA	19940110	CA 1993-2099930	19930706
HU 65462	A2	19940628	HU 1993-1977	19930708
CN 1083809	A	19940316	CN 1993-108424	19930709
CN 1034573	B	19970416		
US 5466660	A	19951114	US 1994-230949	19940421
CN 1144220	A	19970305	CN 1996-108280	19960629

PRIORITY APPLN. INFO.: JP 1992-204271 19920709
JP 1992-312607 19921029
US 1993-86606 19930701
OTHER SOURCE(S): MARPAT 121:57514
GI



I II

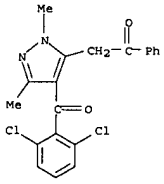
AB The title compds. I [X = Cl, Br; Y = H, Cl, Br, etc.; R1, R2 = alkyl] are prepd. A mixt. of tetrazolinone II, potassium carbonate, and and diethylcarbamoyl chloride in acetonitrile was refluxed for 5 h to give,

L4 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

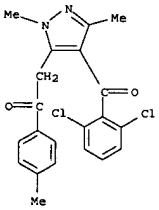
after workup, I [X = Cl; Y = H; R1 = R2 = Et] (III). III at 0.15 g/ha gave 100% control of Cyperus.

IT **154464-02-5 154464-03-6**
RL: RCT (Reactant); RACT (Reactant or reagent)
(herbicidal compn. contg.)

RN 154464-02-5 CAPLUS
CN Ethanone, 2-[4-(2,6-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-phenyl- (9CI) (CA INDEX NAME)



RN 154464-03-6 CAPLUS
CN Ethanone, 2-[4-(2,6-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-(4-methylphenyl)- (9CI) (CA INDEX NAME)

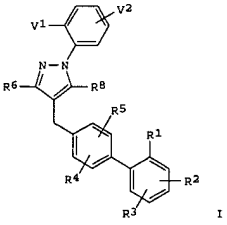


L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:270383 CAPLUS
DOCUMENT NUMBER: 120:270383
TITLE: (Biphenylmethyl)pyrazole angiotensin II antagonists
INVENTOR(S): Ashton, Wallace T.; Chang, Linda L.; Greenlee, William J.; Hutchins, Steven M.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: U.S., 30 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5262412	A	19931116	US 1993-28845	19930310

PRIORITY APPLN. INFO.: US 1993-28845 19930310
OTHER SOURCE(S): MARPAT 120:270383
GI

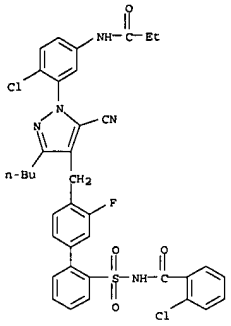


I

AB The title compds. [I; R1 = SO2NHCOR23, SO2NHCO2R24; R23 = aryl, heteroaryl, (un)branched (un)substituted C1-6 alkyl, C3-6 alkenyl, etc.; R24 = (un)branched (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, aryl, (un)substituted C3-7 cycloalkyl; R2, R3 = H, F, Cl, CF3, C1-4 alkyl; R4 = H, F; R5 = H, F, Cl, CF3, C1-4 alkyl; R6 = C1-6 alkyl; R8 = H, F, Cl, Br, iodo, OH, C1-4 alkoxy, (un)substituted NH2, CN, etc.; V1 = CH3, CF3, Cl, iodo, F, OMe, NO2, CN; V2 = amine- or carbonyl- or S-based substituent at ring position 4 or 5], which are angiotensin II antagonists (no data), useful in the treatment of hypertension and related cardiovascular disorders (no data), are prepd. and I-contg. formulations presented. Thus, Et 3-n-butyl-4-[[2'-[N-(2-chlorobenzoyl)sulfamoyl]biphenyl-4-yl]methyl]-1-[2-chloro-5-(valerylamino)phenyl]-1H-pyrazole-5-carboxylate was prepd. from Et 2,4-dioxooctanoate in 10 steps.

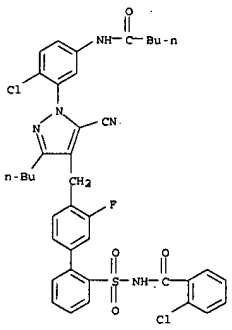
IT **154056-98-1 154057-09-7 154057-12-2**

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
154057-24-6 154057-35-9 154057-36-0
154057-37-1 154057-38-2 154057-39-3
154057-40-6 154057-41-7 154057-42-8
154057-43-9 154057-44-0 154057-45-1
154057-46-2 154057-47-3 154057-48-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(angiotensin II antagonist)
RN 154056-98-1 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



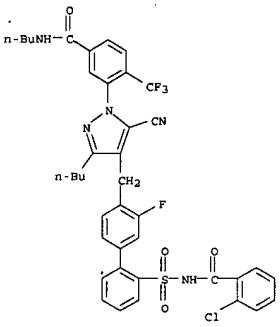
RN 154057-09-7 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopentyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

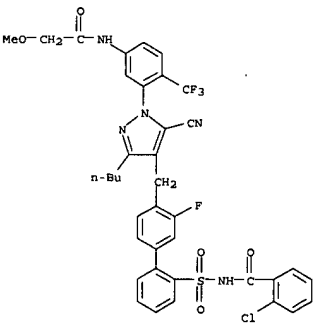


RN 154057-12-2 CAPLUS
CN Benzamide,
N-butyl-3-[3-butyl-4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

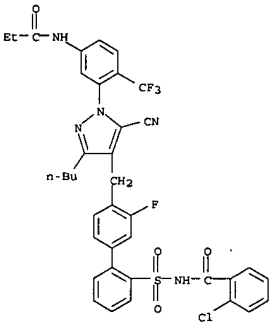


RN 154057-24-6 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



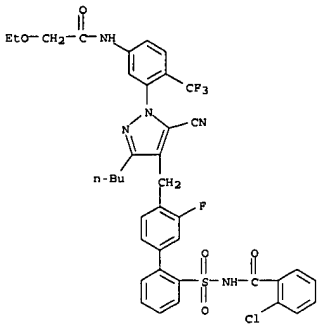
RN 154057-35-9 CAPLUS

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(1-oxopropyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



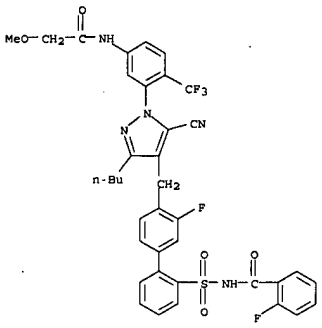
RN 154057-36-0 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(ethoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



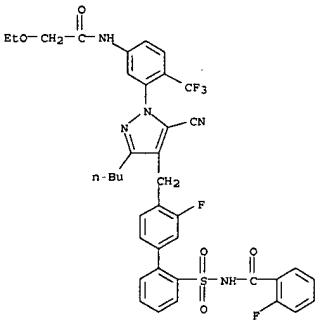
RN 154057-37-1 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

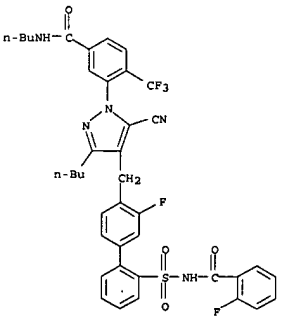


RN 154057-38-2 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(ethoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)

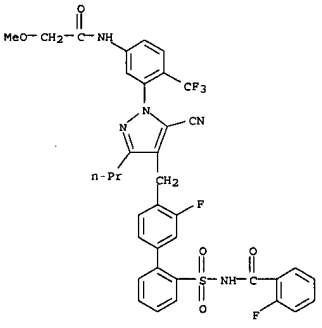


RN 154057-39-3 CAPLUS
CN Benzamide, N-butyl-3-[3-butyl-5-cyano-4-[[3-fluoro-2'-[[(2-fluorobenzoyl)amino]sulfonyl][1,1'-biphenyl]-4-yl]methyl]-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

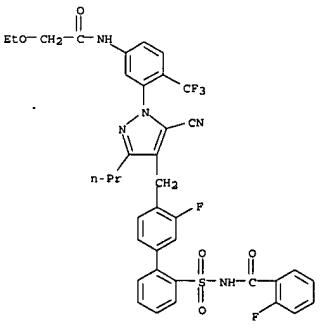


RN 154057-40-6 CAPLUS
CN Benzamide, N-[[4'-[[5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-3-propyl-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

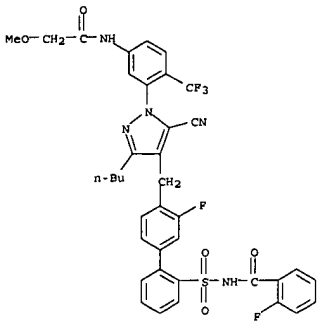
L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 154057-41-7 CAPLUS
CN Benzamide, N-[[4'-[[5-cyano-1-[5-[(ethoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-3-propyl-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

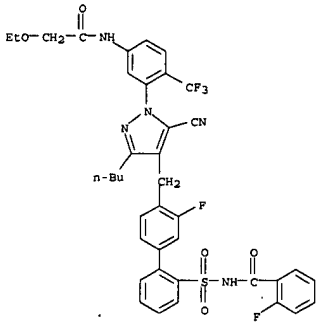


L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



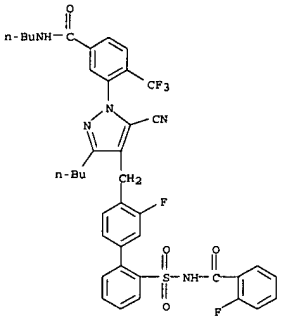
RN 154057-38-2 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(ethoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

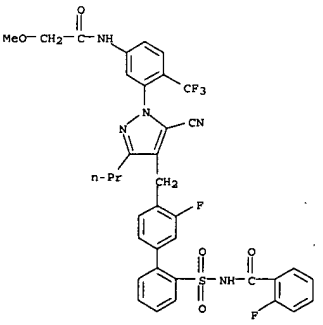


RN 154057-39-3 CAPLUS
CN Benzamide, N-butyl-3-[3-butyl-5-cyano-4-[[3-fluoro-2'-[[(2-fluorobenzoyl)amino]sulfonyl][1,1'-biphenyl]-4-yl]methyl]-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



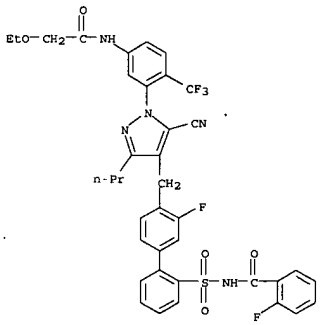
RN 154057-40-6 CAPLUS
CN Benzamide, N-[[4'-[[5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-3-propyl-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)



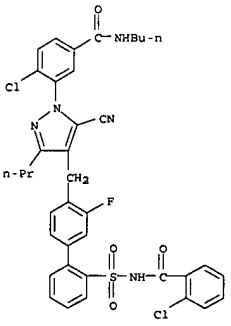
RN 154057-41-7 CAPLUS
CN Benzamide, N-[[4'-[[5-cyano-1-[5-[(ethoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-3-propyl-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

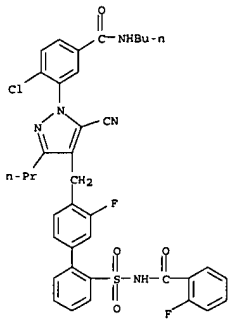


RN 154057-42-8 CAPLUS
CN Benzamide, N-butyl-4-chloro-3-[4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-3-propyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



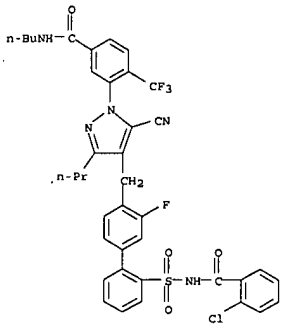
L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 154057-43-9 CAPLUS
CN Benzamide, N-butyl-4-chloro-3-[5-cyano-4-[[3-fluoro-2'-[[(2-fluorobenzoyl)amino]sulfonyl][1,1'-biphenyl]-4-yl]methyl]-3-propyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

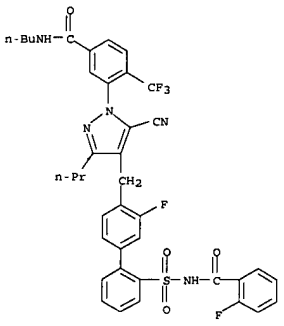


RN 154057-44-0 CAPLUS
CN Benzamide, N-butyl-3-[4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-3-propyl-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

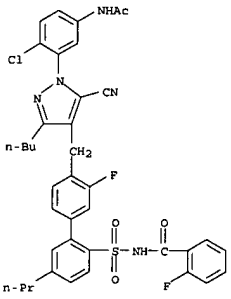


RN 154057-45-1 CAPLUS
CN Benzamide, N-butyl-3-[5-cyano-4-[[3-fluoro-2'-[[(2-fluorobenzoyl)amino]sulfonyl][1,1'-biphenyl]-4-yl]methyl]-3-propyl-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



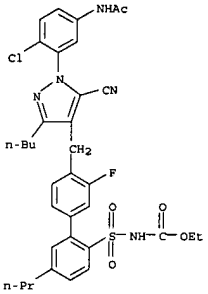
L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 154057-46-2 CAPLUS
CN Benzamide, N-[[4'-[[1-[5-(acetylamino)-2-chlorophenyl]-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

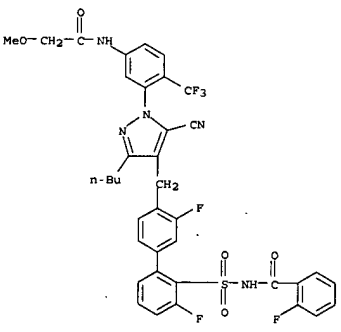


RN 154057-47-3 CAPLUS
CN Carbamic acid, [[4'-[[1-[5-(acetylamino)-2-chlorophenyl]-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

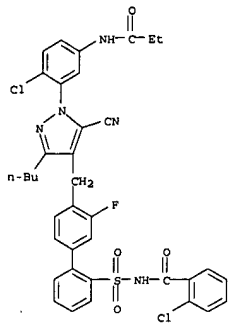


RN 154057-48-4 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3,3'-difluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)



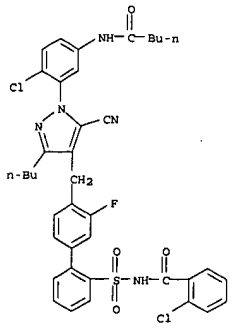
IT **154056-98-1 154057-09-7 154057-10-0 154057-11-1 154057-12-2 154057-24-6 154057-30-4**
RL: RCT (Reactant); RACT (Reactant or reagent)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
(prepn. as angiotensin II antagonist)
RN 154056-98-1 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



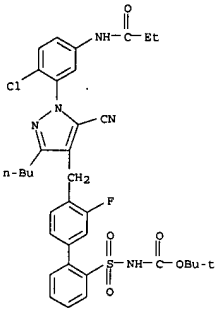
RN 154057-09-7 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopentyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

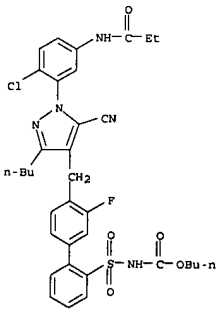


RN 154057-10-0 CAPLUS
CN Carbamic acid,
[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

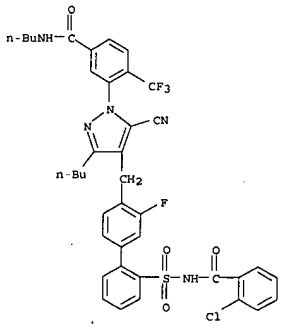


RN 154057-11-1 CAPLUS
CN Carbamic acid,
[[4'-[[3-butyl-1-[2-chloro-5-[(1-oxopropyl)amino]phenyl]-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-, butyl ester (9CI) (CA INDEX NAME)



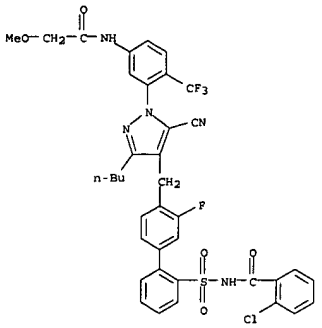
RN 154057-12-2 CAPLUS
CN Benzamide,
N-butyl-3-[3-butyl-4-[[2'-[[(2-chlorobenzoyl)amino]sulfonyl]-3-

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
fluoro[1,1'-biphenyl]-4-yl]methyl]-5-cyano-1H-pyrazol-1-yl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

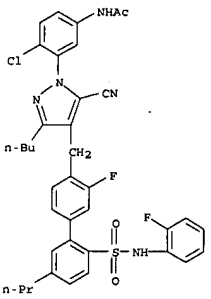


RN 154057-24-6 CAPLUS
CN Benzamide, N-[[4'-[[3-butyl-5-cyano-1-[5-[(methoxyacetyl)amino]-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

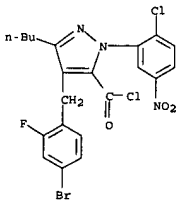
L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



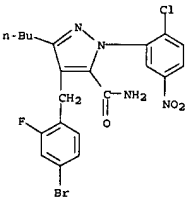
RN 154057-30-4 CAPLUS
CN Acetamide, N-[3-[3-butyl-5-cyano-4-[[3-fluoro-2'-[[(2-fluorophenyl)amino]sulfonyl]-5'-propyl[1,1'-biphenyl]-4-yl]methyl]-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)



L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

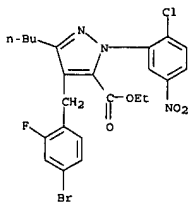


RN 154057-03-1 CAPLUS
CN 1H-Pyrazole-5-carboxamide, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

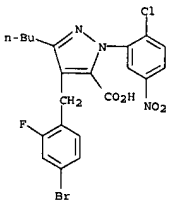


RN 154057-04-2 CAPLUS
CN 1H-Pyrazole-5-carbonitrile, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
IT **154057-00-8 154057-01-9 154057-02-0**
154057-03-1 154057-04-2 154057-05-3
154057-06-4 154057-07-5 154057-08-6
154057-22-4 154057-23-5 154057-25-7
154057-27-9 154057-28-0 154057-29-1
154057-32-6 154057-33-7 154057-34-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. as intermediate in prepn. of (biphenylmethyl)pyrazole angiotensin II antagonists)
RN 154057-00-8 CAPLUS
CN 1H-Pyrazole-5-carboxylic acid, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)-, ethyl ester (9CI) (CA INDEX NAME)

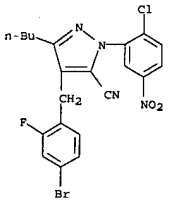


RN 154057-01-9 CAPLUS
CN 1H-Pyrazole-5-carboxylic acid, 4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-1-(2-chloro-5-nitrophenyl)- (9CI) (CA INDEX NAME)

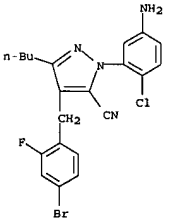


RN 154057-02-0 CAPLUS
CN 1H-Pyrazole-5-carbonyl chloride, 4-[(4-bromo-2-fluorophenyl)methyl]-3-

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

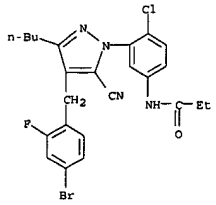


RN 154057-05-3 CAPLUS
CN 1H-Pyrazole-5-carbonitrile, 1-(5-amino-2-chlorophenyl)-4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl- (9CI) (CA INDEX NAME)

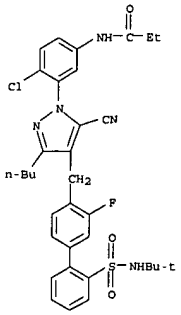


RN 154057-06-4 CAPLUS
CN Propanamide, N-[3-[4-[(4-bromo-2-fluorophenyl)methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

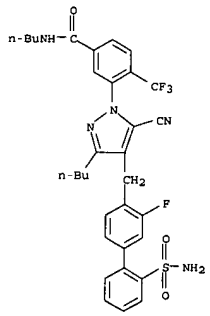


RN 154057-07-5 CAPLUS
CN Propanamide, N-[3-[3-butyl-5-cyano-4-[[2'-[[(1,1-dimethylethyl)amino]sulfonyl]-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)

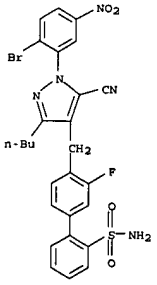


RN 154057-08-6 CAPLUS
CN Propanamide, N-[3-[4-[[2'-(aminosulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-4-chlorophenyl]- (9CI) (CA INDEX NAME)

L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 154057-23-5 CAPLUS
CN Benzamide,
3-[4-[[2'-(aminosulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-N-butyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

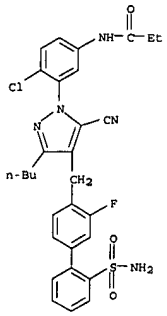


RN 154057-25-7 CAPLUS
CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[1-(2-bromo-5-nitrophenyl)-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro- (9CI) (CA INDEX NAME)

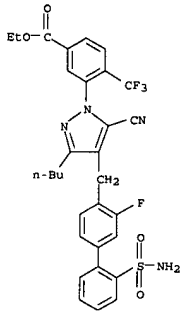


RN 154057-27-9 CAPLUS

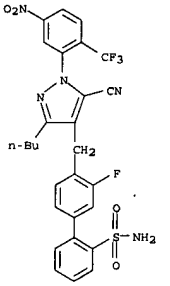
L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



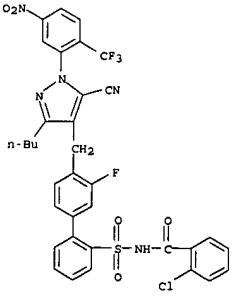
RN 154057-22-4 CAPLUS
CN Benzoic acid, 3-[4-[[2'-(aminosulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl]methyl]-3-butyl-5-cyano-1H-pyrazol-1-yl]-4-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[3-butyl-5-cyano-1-[5-nitro-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro- (9CI) (CA INDEX NAME)

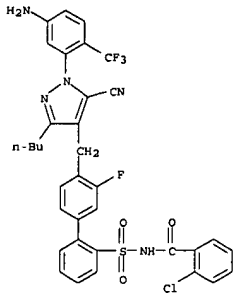


RN 154057-28-0 CAPLUS
CN Benzamide,
N-[[4'-[[3-butyl-5-cyano-1-[5-nitro-2-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)

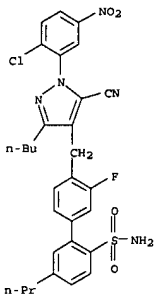


RN 154057-29-1 CAPLUS
CN Benzamide,
4'-[[1-[5-amino-2-(trifluoromethyl)phenyl]-3-butyl-5-cyano-

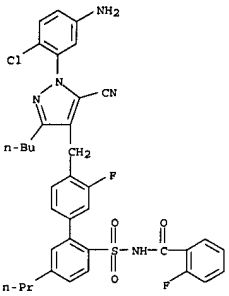
L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
1H-pyrazol-4-yl]methyl}-3'-fluoro[1,1'-biphenyl]-2-yl]sulfonyl]-2-chloro- (9CI) (CA INDEX NAME)



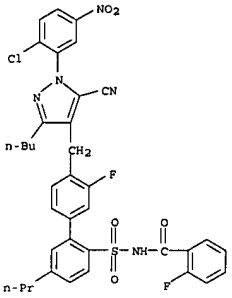
RN 154057-32-6 CAPLUS
CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[3-butyl-1-(2-chloro-5-nitrophenyl)-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl- (9CI) (CA INDEX NAME)



L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



L8 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 154057-33-7 CAPLUS
CN Benzamide,
N-[[4'-[[3-butyl-1-(2-chloro-5-nitrophenyl)-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)



RN 154057-34-8 CAPLUS
CN Benzamide,
N-[[4'-[[1-(5-amino-2-chlorophenyl)-3-butyl-5-cyano-1H-pyrazol-4-yl]methyl]-3'-fluoro-5-propyl[1,1'-biphenyl]-2-yl]sulfonyl]-2-fluoro- (9CI) (CA INDEX NAME)

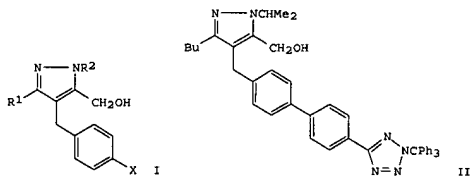
L8 ANSWER 13 OF 32 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:	1994:191713 CAPLUS
DOCUMENT NUMBER:	120:191713
TITLE:	Furanone intermediates in pharmaceutical pyrazole preparation
INVENTOR(S):	Watson, Stephen Paul
PATENT ASSIGNEE(S):	Glaxo Group Ltd., UK
SOURCE:	Brit. UK Pat. Appl., 30 pp. CODEN: BAXXDU
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2265900	A1	19931013	GB 1993-7342	19930407
PRIORITY APPLN. INFO.:			GB 1992-7591	19920407
OTHER SOURCE(S):	MARPAT 120:191713			

GI

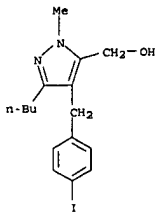


AB Title compds. I (R1 = H, C1-6 alkyl, C2-6 alkenyl; R2a = H, C1-6 alkyl, C3-7 cycloalkyl, C3-7 cycloalkyl-C1-4 alkyl, C3-6 alkenyl F-C1-6 alkyl, F-C3-6 alkenyl; X = H, halo, R4C6H4 wherein R4 = H2N, NC, protectant of CO2H or NH2, optionally protected C-linked tetrazolyl) useful for prepn. of pharmaceuticals (no data), are prepd. 2-Hexane was added to 1-[1,1-(dimethylethyl)dimethylsilyl]oxyacetate (prepn. given) to give 1-[1,1-(dimethylethyl)dimethylsilyl]oxy-2,4-octanedione which was reacted with 5-[4'-(bromomethyl)[1,1'-biphenyl]-2-yl]-2-(triphenylmethyl)-2H-tetrazole to give the tetrazole deriv. which was treated with Bu4N+F- to give the desilylated furanone deriv. which in turn was treated with Me2CHNHNH2 to give the title compd. II.

IT **153359-84-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as pharmaceutical)

RN 153359-84-3 CAPLUS
CN 1H-Pyrazole-5-methanol, 3-butyl-4-[(4-iodophenyl)methyl]-1-methyl- (9CI) (CA INDEX NAME)

L8 ANSWER 13 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

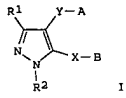


L8 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1992:612492 CAPLUS
DOCUMENT NUMBER: 117:212492
TITLE: Preparation of substituted pyrazole derivatives as agrohorticultural fungicides
INVENTOR(S): Nakajima, Yasuyuki; Watanabe, Junichi; Hirohara, Yohji; Mita, Takeshi
PATENT ASSIGNEE(S): Nissan Chemical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 105 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9208715	A1	19920529	WO 1991-JP1538	19911108
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
JP 05032662	A2	19930209	JP 1991-266474	19911015
EP 556396	A1	19930825	EP 1991-919177	19911108
EP 556396	B1	19950920		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
AT 128130	E	19951015	AT 1991-919177	19911108
ES 2077251	T3	19951116	ES 1991-919177	19911108

PRIORITY APPLN. INFO.: JP 1990-305340 19901109
JP 1991-94264 19910424
JP 1991-266474 19911015
WO 1991-JP1538 19911108
OTHER SOURCE(S): MARPAT 117:212492
GI



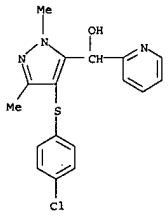
AB The title compds. [I; R1 = H, halo, alkyl, alkoxy, alkylthio, haloalkyl; R2 = H, alkyl, haloalkyl, (substituted) phenylalkyl, etc.; X = S, SO, S(O)2, (substituted) imino, CO, (substituted) methylene; Y = O, S, SO, S(O)2; A = (substituted) Ph, (substituted) heterocyclyl; B = (substituted) heterocyclyl] are prepd. 4-(4-Chlorophenylthio)-1,3-dimethyl-5-mercapto-1H-pyrazole was heated with 2-chloropyrimidine at 120.degree. for 1.5 h to give 4-(4-chlorophenylthio)-1,3-dimethyl-5-(2-pyrimidylthio)-1H-pyrazole. I were effective at the concn. of 0.005-50 kg/ha. Formulations including emulsions, aq. lotions, and oil-based prepns. are described.

IT **144059-52-9P 144059-53-0P 144059-54-1P 144059-55-2P 144059-56-3P 144059-57-4P**

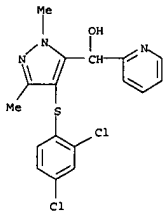
L8 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

144059-58-5P 144059-59-6P 144059-60-9P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as agrochem. fungicide)

RN 144059-52-9 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

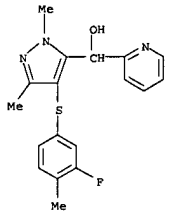


RN 144059-53-0 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(2,4-dichlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

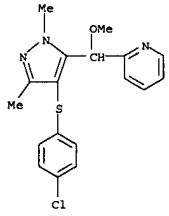


RN 144059-54-1 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(3-fluoro-4-methylphenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

L8 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

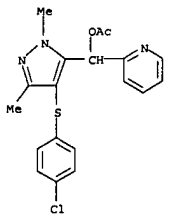


RN 144059-55-2 CAPLUS
CN Pyridine, 2-[[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]methoxymethyl]- (9CI) (CA INDEX NAME)

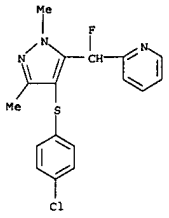


RN 144059-56-3 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-, acetate (ester) (9CI) (CA INDEX NAME)

L8 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

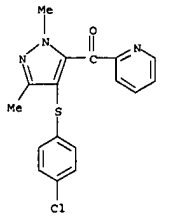


RN 144059-57-4 CAPLUS
CN Pyridine, 2-[[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]fluoromethyl]- (9CI) (CA INDEX NAME)

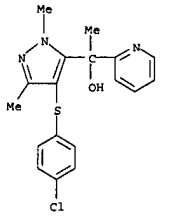


RN 144059-58-5 CAPLUS
CN Methanone, [4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-2-pyridinyl- (9CI) (CA INDEX NAME)

L8 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

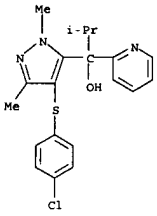


RN 144059-59-6 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-.alpha.-methyl- (9CI) (CA INDEX NAME)



RN 144059-60-9 CAPLUS
CN 2-Pyridinemethanol, .alpha.-[4-[(4-chlorophenyl)thio]-1,3-dimethyl-1H-pyrazol-5-yl]-.alpha.-(1-methylethyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



L8 ANSWER 15 OF 32 CAPLUS COPYRIGHT 2003 ACS

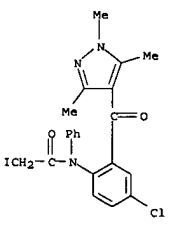
ACCESSION NUMBER: 1990:459122 CAPLUS
DOCUMENT NUMBER: 113:59122
TITLE: Synthesis of 5-(4-pyrazolyl and 4-isoxazolyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-ones
AUTHOR(S): Kurihara, Takushi; Sasaki, Jun; Santo, Kazunori; Nakamura, Yutaka; Yoneda, Ryuji; Harusawa, Shinya
CORPORATE SOURCE: Osaka Univ. Pharm. Sci., Matsubara, 580, Japan
SOURCE: Heterocycles (1989), 29(10), 2007-21
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 113:59122
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Reactions of pyrazolylanthranil I (X = NMe, R = Cl) with PhZnCl in the presence of nickel acetylacetonate gave anilinobenzoylpyrazole II (R1 = Ph, R2 = H). Isoxazolylanthranil I (X = O, R = Cl) under the same conditions gave a mixt. of II (R1 = Ph, R2 = H) and quinolone III. II (X = O, NMe; R = Cl, R1 = Ph, R2 = H) were converted to II (R2 = COCH2N3), which were cyclized with PPh3 to benzodiazepinones IV (X = O, NMe, R = Cl, R1 = Ph) via an aza-hitting reaction. Treating azido deriv. II (X = NAc, R = R1 = H, R2 = COCH2N3) with PPh3 gave II (R2 = COCH2N:PPh3), which cyclized in refluxing toluene to give IV (X = NAc, R = Cl, R1 = H). In contrast, the phosphinimine V (R3 = N:PPh3) prepd. from azide V (R3 = N3) failed to cyclize under the same conditions.

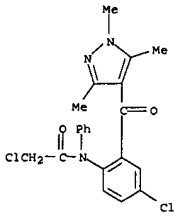
IT **127889-75-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and condensation reaction of, with sodium azide)

RN 127889-75-2 CAPLUS
CN Acetamide, N-[4-chloro-2-[(1,3,5-trimethyl-1H-pyrazol-4-yl)carbonyl]phenyl]-2-iodo-N-phenyl- (9CI) (CA INDEX NAME)

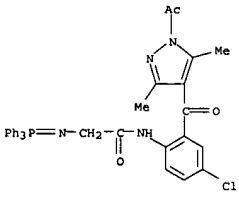


IT **127889-74-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

L8 ANSWER 15 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
(Reactant or reagent)
(prepn. and condensation reaction of, with sodium iodide)
RN 127889-74-1 CAPLUS
CN Acetamide, 2-chloro-N-[4-chloro-2-[(1,3,5-trimethyl-1H-pyrazol-4-yl)carbonyl]phenyl]-N-phenyl- (9CI) (CA INDEX NAME)

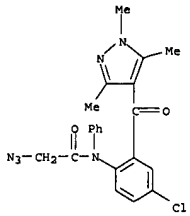


IT **127889-90-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and cyclization of, benzodiazepine deriv. from)
RN 127889-90-1 CAPLUS
CN Acetamide, N-[2-[(1-acetyl-3,5-dimethyl-1H-pyrazol-4-yl)carbonyl]-4-chlorophenyl]-2-[(triphenylphosphoranylidene)amino]- (9CI) (CA INDEX NAME)

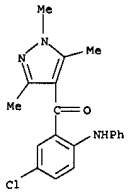


IT **127889-76-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and cyclization of, with triphenylphosphine, benzodiazepine deriv. from)
RN 127889-76-3 CAPLUS

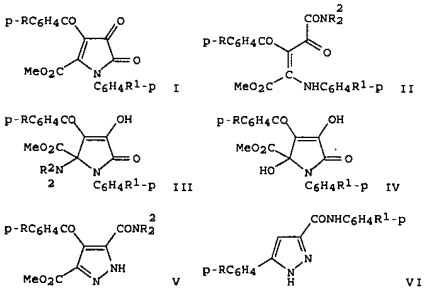
L8 ANSWER 15 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN Acetamide, 2-azido-N-[4-chloro-2-[(1,3,5-trimethyl-1H-pyrazol-4-yl)carbonyl]phenyl]-N-phenyl- (9CI) (CA INDEX NAME)



IT **127889-73-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and N-acylation of, with chloroacetyl chloride)
RN 127889-73-0 CAPLUS
CN Methanone, [5-chloro-2-(phenylamino)phenyl](1,3,5-trimethyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)

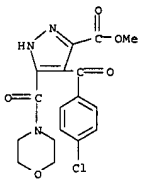


L8 ANSWER 16 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:423322 CAPLUS
DOCUMENT NUMBER: 111:23322
TITLE: Five-membered 2,3-dioxo heterocycles. VIII. Reaction of 1-aryl-4-aroyl-5-methoxycarbonyl-2,3-dihydro-2,3-pyrrolediones with secondary aliphatic amines
AUTHOR(S): Maslivets, A. N.; Smirnova, L. I.; Andreichikov, Yu. S.
CORPORATE SOURCE: Perm. Gos. Farm. Inst., Perm, USSR
SOURCE: Zhurnal Organicheskoi Khimii (1988), 24(10), 2205-12
CODEN: ZORKAE; ISSN: 0514-7492
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 111:23322
GI



AB Interaction of 5-methoxycarbonyl-2,3-dihydropyrrole-2,3-diones I (R = MeO, Me, H, Cl, Br, NO2, R1 = H; R = H, R1 = Me) with R22NH[R2 = PhCH2, Et, Me; R2N = morpholino, piperidino] led to (Z)-3-pentenedioic acid derivs. II (same R's) and 5-methoxycarbonyl-3-hydroxy-2,5-dihydro-2-pyrrolones III (same R's). Factors influencing the yield ratio of II to III were studied. Acid hydrolysis of II and III gave 3,5-dihydroxy-2,5-dihydro-2-pyrrolones IV (same R's) while hydrazinolysis gave pyrazolecarboxamides V and pyrazolecarboxanilides VI.
IT **121275-82-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, via hydrazinolysis of oxopentenedioic acid and dihydropyrrolone derivs.)
RN 121275-82-9 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(4-chlorobenzoyl)-5-(4-morpholinylcarbonyl)-, methyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 16 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



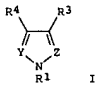
L8 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1987:636702 CAPLUS
DOCUMENT NUMBER: 107:236702
TITLE: Preparation of pyrrole- and pyrazolecarboxylates as cardiotonics and calcium agonists
INVENTOR(S): Baxter, Andrew John Gilby; Dixon, John; Ince, Francis;
Springthorpe, Brian; Tinker, Alan Charles
PATENT ASSIGNEE(S): Fisons PLC, UK
SOURCE: Eur. Pat. Appl., 76 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 230110	A1	19870729	EP 1986-309235	19861126
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 62181251	A2	19870808	JP 1986-282187	19861128

PRIORITY APPLN. INFO.:

GB 1985-29557	19851130
GB 1985-29558	19851130
GB 1985-29563	19851130
GB 1985-29564	19851130
GB 1986-10218	19860425
GB 1986-16096	19860702
GB 1986-16097	19860702
GB 1986-16100	19860702
GB 1986-16101	19860702
GB 1986-16102	19860702
GB 1986-16103	19860702
GB 1986-21942	19860911

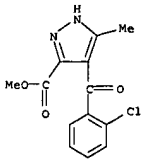
GI



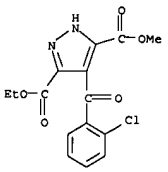
I

AB The title compds. [I; R1 = H, alkyl; R3 = CH2NR5R6, COR7, NO2, cyano, halo; R4 = HBXn; H = (un)substituted Ph, naphthyl, benzofurazanyl; B = bond, alkylene; R5, R6 = H, (un)substituted alkyl, Ph; R7 = H, NR5R6, alkyl, OH, alkoxy; X = O, S, SO, SO2, C:NOH; Y,Z = CH, CR2, CCO2R, N; R = alkyl; R2 = (un)substituted alkyl; n = 0, 1] were prepd. as cardiotonics and calcium agonists no data). Dimethylpyrrolecarboxylate I (R1 = R4 = H,
R3 = CO2Me, Y = Z = CMe) (2.78 g) in CH2Cl2 were added to AlCl3/CH2Cl2 at 0.degree. followed by 3.50 g 2-ClC6H4COCl and the mixt. stirred 17 h to give 3.75 g I (R1 = H, R3 = CO2Me, R4 = 2-ClC4H4CO, Y = Z = CMe).
IT **111595-86-9P 111619-14-8P**

L8 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as cardiotonic and calcium agonist)
RN 111595-86-9 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-(2-chlorobenzoyl)-5-methyl-, methyl ester
(9CI) (CA INDEX NAME)



RN 111619-14-8 CAPLUS
CN 1H-Pyrazole-3,5-dicarboxylic acid, 4-(2-chlorobenzoyl)-, 1-ethyl 5-methyl ester (9CI) (CA INDEX NAME)



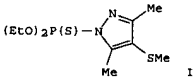
L8 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1987:402698 CAPLUS
DOCUMENT NUMBER: 107:2698
TITLE: Herbicide compositions of extended soil life containing thiolcarbamates and phosphonothioates
INVENTOR(S): Gray, Reed A.; Hyazk, Daniel L.
PATENT ASSIGNEE(S): Stauffer Chemical Co., USA
SOURCE: U.S., 9 pp. Cont.-in-part of U.S. Ser. N. 496,781, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4648894	A	19870310	US 1984-649779	19840912

PRIORITY APPLN. INFO.:

US 1980-163617	19800627
US 1982-358979	19820317
US 1983-496781	19830520

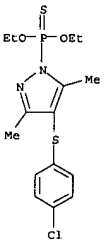
GI



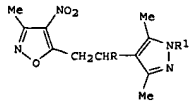
I

AB The persistence of the thiolcarbamate herbicides R1SCONR2R3 (R1, R2, R3 = C2-4 alkyl) is extended by phosphonothioates R4R5P(:S)(S)nR6 [R4 = C1-4 alkyl or alkoxy; R5 = C1-4 alkoxy or alkylthio; R6 = (un)substituted imidazolyl, etc.; n = 0, 1]. When 6 ppm EPTC was incorporated into soil, the residue after 2 days was 0.12 ppm. In the presence of 4 ppm phosphonothioate I, however, the corresponding residue was 0.56 ppm.
IT **108702-72-3**
RL: BIOL (Biological study)
(extender, for thiolcarbamate herbicides)
RN 108702-72-3 CAPLUS
CN Phosphonothioic acid, [4-[-(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-, O,O-diethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



L8 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1985:523404 CAPLUS
DOCUMENT NUMBER: 103:123404
TITLE: Chemistry of heterocycles: part VIII - synthesis of isoxazolylethylpyrazoles
AUTHOR(S): Reddi, K. Malla; Rao, C. Janakirama; Murthy, A. Krishna
CORPORATE SOURCE: Dep. Chem., Kakatiya Univ., Warangal, 506 009, India
SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1985), 24B(2), 212-13
CODEN: IJSBDB; ISSN: 0376-4699
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 103:123404
GI

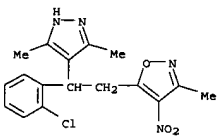


I

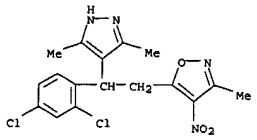
AB The base-catalyzed addn. of acetylacetone to 3-methyl-4-nitro-5-styrylisoxazoles leads to the Michael adducts 3-[2-(3-methyl-4-nitro-5-isoxazolyl)-1-phenylethyl]pentane-2,4-diones. These .beta.-diketones undergo cyclization with hydrazine sulfate and phenylhydrazine to furnish pyrazoles I [R = (un)subatituted Ph, R1 = H, Ph].

IT **98239-36-2P 98239-42-0P 98239-43-1P**
98239-46-4P 98239-47-5P 98239-53-3P
98254-35-4P 98735-01-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

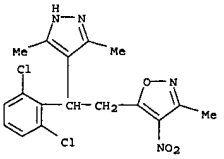
RN 98239-36-2 CAPLUS
CN Isoxazole, 5-[2-(2-chlorophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



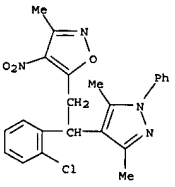
L8 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 98239-42-0 CAPLUS
CN Isoxazole, 5-[2-(2,4-dichlorophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



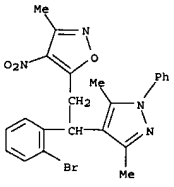
RN 98239-43-1 CAPLUS
CN Isoxazole, 5-[2-(2,6-dichlorophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



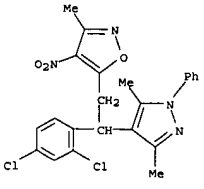
RN 98239-46-4 CAPLUS
CN Isoxazole, 5-[2-(2-chlorophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



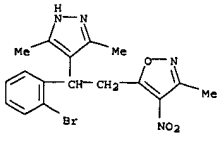
L8 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 98239-47-5 CAPLUS
CN Isoxazole, 5-[2-(2-bromophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



RN 98239-53-3 CAPLUS
CN Isoxazole, 5-[2-(2,4-dichlorophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)

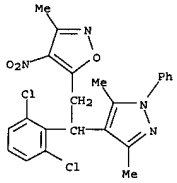


RN 98254-35-4 CAPLUS
CN Isoxazole, 5-[2-(2-bromophenyl)-2-(3,5-dimethyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



RN 98735-01-4 CAPLUS

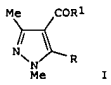
L8 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN Isoxazole, 5-[2-(2,6-dichlorophenyl)-2-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)ethyl]-3-methyl-4-nitro- (9CI) (CA INDEX NAME)



L8 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1985:113486 CAPLUS
DOCUMENT NUMBER: 102:113486
TITLE: Pyrazoles
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 59196869	A2	19841108	JP 1983-71242	19830422
JP 04020910	B4	19920407		

PRIORITY APPLN. INFO.: JP 1983-71242 19830422
OTHER SOURCE(S): CASREACT 102:113486
GI



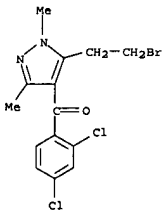
I

AB The title compds. I (R = OXNR2R3 where X = alkylene, R2 = H, alkyl, alkenyl, arylalkyl, R3 = alkyl, alkenyl, Ph; R1 = substituted phenyl), having herbicidal activity at .gtoreq.6.25 g/a, were prepd. by condensation of I (R = halo) with HOXNR2R3. Thus, heating a mixt. of 2 mL HOCH2CH2NHPh, 0.03 g Na, and 1.3 g I (R = Cl, R1 = 2,4-Cl2C6H3) at 100-110.degree. for 3 h under distn. of excess HOCH2CH2NHPh gave 0.92 g I (R = OCH2CH2NHPh, R1 = C6H3Cl2-2,4).

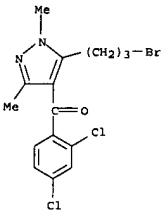
IT **95115-05-2P 95115-06-3P 95115-07-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 95115-05-2 CAPLUS
CN Methanone, [5-(2-bromoethyl)-1,3-dimethyl-1H-pyrazol-4-yl](2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

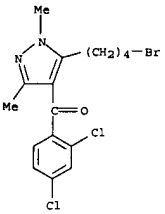


RN 95115-06-3 CAPLUS
CN Methanone, [5-(3-bromopropyl)-1,3-dimethyl-1H-pyrazol-4-yl](2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 95115-07-4 CAPLUS
CN Methanone, [5-(4-bromobutyl)-1,3-dimethyl-1H-pyrazol-4-yl](2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



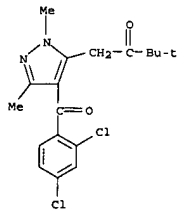
L8 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1982:522069 CAPLUS
DOCUMENT NUMBER: 97:122069
TITLE: Herbicide composition for rice
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57081401	A2	19820521	JP 1980-157843	19801110

PRIORITY APPLN. INFO.: JP 1980-157843 19801110
AB Compns. contg. S-1-ethylpropyl-N,N-hexanethylenethiolcarbamate (I) [75013-55-7] and one or more of 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-phenacyloxypyrazole (II) [71561-11-0], 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-(4-methylphenacyloxy)pyrazole [71561-18-7], 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-pivaloylmethylpyrazole [**82934-46-1**], and 1,3-dimethyl-4-(2,4-dichlorobenzoyl-5-p-toluenesulfonyloxypyrazole [58011-68-0] are herbicides, esp. for rice. Thus, a compn. contg. I and II (20 + 15 g/are) controlled Echinochloa crus-galli, Scirpus hotarui, Cyperus serotinus, and broad-leaf weeds in rice by 100% in 30 days.

IT **82934-46-1**
RL: BIOL (Biological study)
(herbicide compn. contg., for rice)

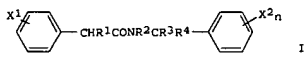
RN 82934-46-1 CAPLUS
CN 2-Butanone, 1-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-3,3-dimethyl- (9CI) (CA INDEX NAME)



L8 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1982:419045 CAPLUS
DOCUMENT NUMBER: 97:19045
TITLE: Phenylacetamides and pyrazole derivatives as herbicides
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57032206	A2	19820220	JP 1980-107662	19800807
JP 58012242	B4	19830307		
JP 57102806	A2	19820626	JP 1981-176454	19811105

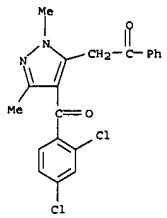
PRIORITY APPLN. INFO.: JP 1980-107662 19800807
GI



I

AB A compn. contg. N-(.alpha.,.alpha.-dialkylbenzyl)phenylacetamides I (X1 and X2 = halo, C1-3 alkyl, C1-3 alkoxy, or H; R1 = C1-3 alkoxy or H; R2 = C1-3 alkyl, C2-6 alkoxyalkyl, allyl, or H; R3 and R4 = C1-4 alkyl; n = 1-3) and pyrazole derivs. is a herbicide for rice. Thus, I (X1 = 2-Cl X2 = 4-Cl; n = 1; R1 and R2 = H; R3 and R4 = Me) [80487-99-6] and 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl-4-toluenesulfonate [58011-68-0] (100 +)00 g/10 are) controlled Echinochloa crus-galli, Cyperus microiria, Scirpus hotarui, Eleocharis acicularia, Sagittaria pygmaea, and Cyperus serotinus in rice.
IT **81860-84-6**
RL: BIOL (Biological study)
(herbicides contg. acetamides and)
RN 81860-84-6 CAPLUS
CN Ethanone, 2-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-1-phenyl- (9CI) (CA INDEX NAME)

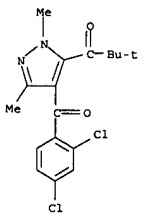
L8 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



L8 ANSWER 23 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1982:406294 CAPLUS
DOCUMENT NUMBER: 97:6294
TITLE: 1,3-Dimethyl-4-(2,9-dichlorobenzoyl)-5-substituted carbonylmethoxypyrazole
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57031666	A2	19820220	JP 1980-105947	19800801

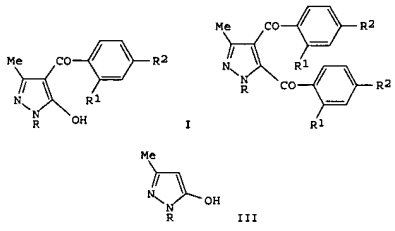
PRIORITY APPLN. INFO.: JP 1980-105947 19800801
AB The herbicidal (no data) title compds. were prepd. by reaction of 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole (I) with ClCH2COR [R = (substituted) Ph, (halogenated) Me3C]. Thus, refluxing a mixt. of MeCN 15 mL, I 2.0, PhCOCH2Cl 1.1, K2CO3 1.0, and KI 0.0 6 g for 1 h gave 2.7 g 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-(phenacyloxy)pyrazole.
IT **81842-70-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 81842-70-8 CAPLUS
CN 1-Propanone, 1-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]-2,2-dimethyl- (9CI) (CA INDEX NAME)



L8 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1981:550653 CAPLUS
DOCUMENT NUMBER: 95:150653
TITLE: 4-Benzoyl-5-hydroxypyrazoles
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 56043271	A2	19810421	JP 1979-118043	19790914

PRIORITY APPLN. INFO.: JP 1979-118043 19790914
GI

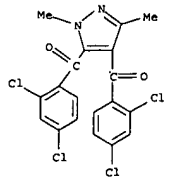


I II

III

AB 4-Benzoyl-5-hydroxypyrazoles I (R, R1, R2 = Me, Cl, Cl; Me, Cl, NO2; Me, NO2, Cl; Me2CH, Cl, Cl; Me, Cl, SO2Me) were prepd. by reaction of II with III in the presence of AlCl3. Thus, a mixt. of II (R = Me, R1 = R2 = Cl) 2, III (R = Me) 0.5, and AlCl3 1.8 g in CH2Cl2 was refluxed 2 h to give 81% I (R = Me, R1 = R2 = Cl).
IT **79220-47-6**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxypyrazole)
RN 79220-47-6 CAPLUS
CN Methanone, (1,3-dimethyl-1H-pyrazole-4,5-diyl)bis[(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

L8 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

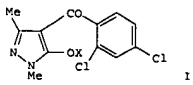


L8 ANSWER 25 OF 32 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1980:420752 CAPLUS
DOCUMENT NUMBER: 93:20752
TITLE: Synergistic rice paddy herbicides
INVENTOR(S): Konotsune, Takao; Kawakubo, Katsuhiko; Honma, Toyokuni
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 55035038	A2	19800311	JP 1978-108387	19780904
JP 61016247	B4	19860428		
JP 60214712	A2	19851028	JP 1985-43500	19850305
JP 63027321	B4	19880602		

PRIORITY APPLN. INFO.: JP 1978-108387 19780904
GI



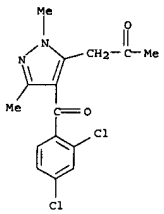
I

AB A compn. contg. 1-(.alpha.,.alpha.-dimethylbenzyl)-3-(p-tolyl)urea (A) [42609-52-9] and pyrazoles I (X = H, 4-toluenesulfonyl or CH2nY where Y = alkoxy, alkylthio, alkoxycarbonyl, acyl, or substituted Ph or benzoyl) is a synergistic rice paddy herbicide. Thus, a compn. contg. 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole [58010-98-3] (14 + 3 g/are) controlled Echniochloa crus-galli, Scirpus juncoides, Sagittaria pygmaea, Cyperus serotinus, and other broad-lead weeds in rice. Either one of the components alone failed to control all of the weeds. Prep. data is given.

IT **74109-78-7**
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic herbicidal compn. contg.)

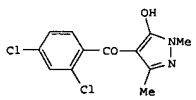
RN 74109-78-7 CAPLUS
CN 2-Propanone, 1-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

L8 ANSWER 25 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



L8 ANSWER 26 OF 32 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1980:175648 CAPLUS
DOCUMENT NUMBER: 92:175648
TITLE: A mechanism of chlorosis caused by 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole, a herbicidal compound
AUTHOR(S): Kawakubo, Katsuhiko; Shindo, Masahiro; Konotsune, Takuo
CORPORATE SOURCE: Agric. Chem. Res. Lab., Sankyo Co., Ltd., Yasu, Japan
SOURCE: Plant Physiology (1979), 64(5), 774-9
CODEN: PLPHAY; ISSN: 0032-0889
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

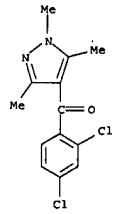
AB In org. solvents, 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole (I) [58010-98-3] converted chlorophyll a [479-61-8] and b [479-61-8] extd. from rice seedlings (Oryza sativa) into pheophytin a [603-17-8] and b [3147-18-0], resp. On comparing the chlorophyll-converting activity of I with those of acetic, glycolic, 2,4-dichlorobenzoic, monochloroacetic, 2,6-dichlorobenzoic, pyruvic, and dichloroacetic acids, it was demonstrated that I induced H+ into chlorophyll specifically. 5-Hydroxypyrazoles, which seem to be dissociable, converted chlorophyll into pheophytin in vitro. These compds. also induced chlorosis in sedge seedlings (Cyperus serotinus), when the seedlings were grown in media contg. these compds. However, 5-hydroxypyrazoles, which seem to be undissociable, and analogs having no hydroxy group caused neither the chlorophyll conversion in vitro nor chlorosis in the seedlings. Chlorosis in barnyardgrass seedlings (Echinochloa crus-galli) induced by I was reversed by cultivating the seedlings in media contg. I plus NaOH, KOH, NH4OH, Ca(OH)2, Na acetate [127-09-3], Na pyruvate [113-24-6], Na succinate [113-24-6], or Na fumarate [14047-56-4]. Accumulation of the vinylpheoporphyrin [72619-82-0] fraction in 4-day-old etiolated radish cotyledons (Raphanus sativus) was enhanced by incubating the cotyledons with .delta.-aminolevulinic acid [106-60-5] in the dark. However, simultaneous treatment with .delta.-aminolevulinic acid and I reduced accumulation of the fraction and promoted formation of the uro [26316-36-9], copro [14643-66-4], and protoporphyrin [27121-71-7] fractions. I blocks the synthesis of protochlorophyllide in intact plants and induces consequent chlorosis. The H+-donating activity of I might cause the redn. of protochlorophyllide biosynthesis.

IT **72619-87-5**
RL: BIOL (Biological study)
(pheophytin formation by action of, from chlorophyll)

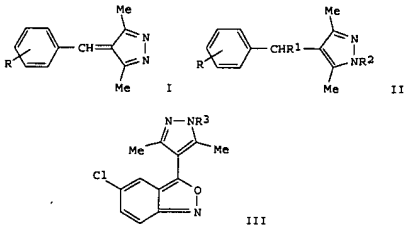
RN 72619-87-5 CAPLUS

Kamal Saeed

L8 ANSWER 26 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN Methanone, (2,4-dichlorophenyl)(1,3,5-trimethyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)



L8 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1978:563486 CAPLUS
DOCUMENT NUMBER: 89:163486
TITLE: 1,4- and 1,7-Addition reactions of 4-(substituted benzylidene)-3,5-dimethylisopyrazoles
AUTHOR(S): Kurihara, Takushi; Sakamoto, Yasuhiko; Sakaguchi, Toshiko; Hirano, Hiroshi
CORPORATE SOURCE: Osaka Coll. Pharm., Osaka, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1978), 26(4), 1141-6
CODEN: CPBTAL; ISSN: 0009-2363
DOCUMENT TYPE: Journal
LANGUAGE: English
GI

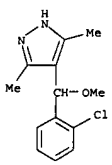


AB Treating the title isopyrazoles I (R = 2-NO2, 3-NO2, 2-Cl) with Ac2O, Me2SO4, or MeOH gave the 1,4-addn. products II (R1 = AcO, R2 = Ac; R1 = MeO, R2 = Me; R1 = MeO, R2 = H; resp.). Brominating I gave RC6H4CHO and 4-bromo-3,5-dimethylpyrazole; treating I with AcCl, BzCl, EtO2CCl, and 4-MeC6H4SO2Cl in pyridine at 50-60.degree. and then hydrolyzing gave II (R1 = HO; R2 = Ac, Bz, EtO2C, 4-MeC6H4SO2; resp.). Treating I (R = 2-NO2) with AcCl, BzCl or EtO2CCl in the absence of pyridine gave the pyrazolylanthranils III (R3 = Ac, Bz, EtO2C; resp.) via 1,7-addn. of the chlorides.

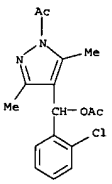
IT **57412-15-4P 67714-66-3P 67714-68-5P**
67714-69-6P 67714-72-1P 67714-75-4P
67714-76-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 57412-15-4 CAPLUS
CN 1H-Pyrazole, 4-[(2-chlorophenyl)methoxymethyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

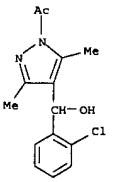
L8 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 67714-66-3 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-acetyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl-, acetate (ester) (9CI) (CA INDEX NAME)

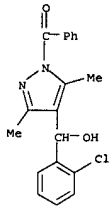


RN 67714-68-5 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-acetyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

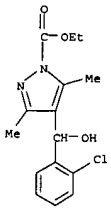


RN 67714-69-6 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-benzoyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl- (9CI) (CA INDEX NAME)

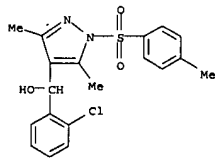
L8 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 67714-72-1 CAPLUS
CN 1H-Pyrazole-1-carboxylic acid, 4-[(2-chlorophenyl)hydroxymethyl]-3,5-dimethyl-, ethyl ester (9CI) (CA INDEX NAME)

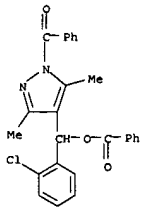


RN 67714-75-4 CAPLUS
CN 1H-Pyrazole-4-methanol, .alpha.-(2-chlorophenyl)-3,5-dimethyl-1-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

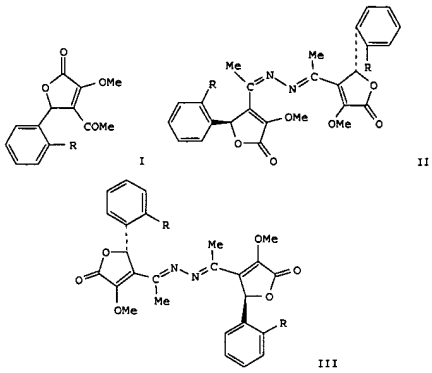


RN 67714-76-5 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-benzoyl-.alpha.-(2-chlorophenyl)-3,5-dimethyl-,

L8 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
benzoate (ester) (9CI) (CA INDEX NAME)



L8 ANSWER 28 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1978:546684 CAPLUS
DOCUMENT NUMBER: 89:146684
TITLE: Molecular structure of azines of 3-acetyl-4-hydroxy-2-methoxy-4-phenylcrotonic acid lactones
AUTHOR(S): Kurihara, Takushi; Sakamoto, Yasuhiko; Mori, Masanobu; Sakaki, Toshimasa
CORPORATE SOURCE: Osaka Coll. Pharm., Osaka, Japan
SOURCE: Heterocycles (1978), 9(8), 1041-6
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English
GI

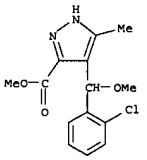


I II

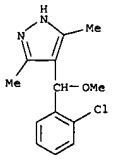
III

AB Treatment of I (R = H, Cl) with N2H4.2HCl gave a mixt. of the corresponding II and III. Crystal structures of II (R = Cl) and III (R = Cl) were detd.
IT **67735-39-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 67735-39-1 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4-[(2-chlorophenyl)methoxymethyl]-5-methyl-

L8 ANSWER 28 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)
, methyl ester (9CI) (CA INDEX NAME)

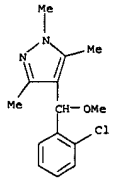


L8 ANSWER 29 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1975:514283 CAPLUS
DOCUMENT NUMBER: 83:114283
TITLE: Molecular structure and chemical reactivities of the condensation products of o-substituted benzylidenacetylacetone with hydrazine dihydrochloride
AUTHOR(S): Kurihara, Takushi; Sugiyama, Mariko; Hirano, Hiroshi; Tomita, Kenichi; Sakaki, Masayoshi
CORPORATE SOURCE: Osaka Coll. Pharm., Osaka, Japan
SOURCE: Journal of Heterocyclic Chemistry (1975), 12(3), 541-5
CODEN: JHTCAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Reaction of o-O2NC6H4CH:C(COMe)2 with H2NNH2.HCl in MeOH gave 4-(.alpha.-methoxy-o-nitrobenzyl)-3,5-dimethylpyrazole hydrochloride (I,HCl), whose structure was unambigously confirmed by an X-ray crystallog. analysis, via 4-(o-nitrobenzylidene)-3,5-dimethylisopyrazole II. II was synthesized by condensation of O-O2NC6H4CH : C(COMe)2 with H2NNH2.2HCl in MeCN. Analogously the corresponding o-chloro derivatives were obtained. These were converted to N-methyl and N-acetyl derivatives.
IT **57412-15-4P 57412-17-6P 57412-19-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 57412-15-4 CAPLUS
CN 1H-Pyrazole, 4-[(2-chlorophenyl)methoxymethyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)

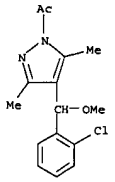


RN 57412-17-6 CAPLUS
CN 1H-Pyrazole, 4-[(2-chlorophenyl)methoxymethyl]-1,3,5-trimethyl- (9CI) (CA INDEX NAME)

L8 ANSWER 29 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)

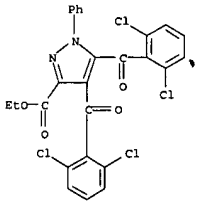


RN 57412-19-8 CAPLUS
CN 1H-Pyrazole, 1-acetyl-4-[(2-chlorophenyl)methoxymethyl]-3,5-dimethyl- (9CI) (CA INDEX NAME)



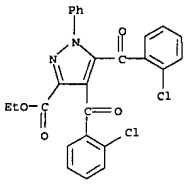
L8 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1972:552091 CAPLUS
DOCUMENT NUMBER: 77:152091
TITLE: New rearrangement reaction leading to dihydropyridazinone derivatives
AUTHOR(S): Fusco, Raffaello; Dalla Croce, Piero
CORPORATE SOURCE: Ist. Chim. Ind., Univ. Milano, Milan, Italy
SOURCE: Gazzetta Chimica Italiana (1972), 102(6), 431-44
CODEN: GCITA9; ISSN: 0016-5603
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Seven 4,5-dihydro-3-pyridazinones (I, R = CO2Me, CO2Et, Ph, etc.; R1 = Ph, substituted phenyl) were prepd. by refluxing the 4-phenacylidene-5-hydroxy-2-pyrazolines (II) in PhMe. I-structures were confirmed by anal., ir, NMR, and some chem. reactions. On the basis of the kinetic measurements of the reaction a mechanism of the rearrangement is suggested.
IT **37915-36-9P 37915-37-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 37915-36-9 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-bis(2,6-dichlorobenzoyl)-1-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



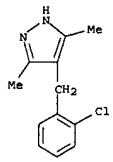
RN 37915-37-0 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-bis(2-chlorobenzoyl)-1-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

L8 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2003 ACS (Continued)



L8 ANSWER 31 OF 32 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1964:411196 CAPLUS
DOCUMENT NUMBER: 61:11196
ORIGINAL REFERENCE NO.: 61:1807e-g
TITLE: Formation of pyrophosphate from quinol phosphates in dimethylformamide solution
AUTHOR(S): Lapidot, Aviva; Samuel, David
CORPORATE SOURCE: Weizmann Inst. Sci., Rehovoth, Israel
SOURCE: J. Am. Chem. Soc. (1964), 86(9), 1886-7
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
AB Upon addn. of excess Br to a dry HCONMe2 soln. of I, 52.5% PO43- and 47.5% P2O14- was liberated. Similar treatment of I or II in the presence of added (Bu4N)2HPO4 gave 68-9% PO43- and 31-2% P2O77-. The same reaction with I in the presence of18O-labeled (NBu4)3PO4 gave 11.1, 5.1, and 3.9 atom-% excess 18O in added PO43-, product PO43-, and product P2O77-, resp.
With II the same products were formed with 21.4, 12.8, and 8.0 atom-% excess 18O, resp. The data are consistent with two pathways for the breakdown of quinol phosphate by Br in dry HCONMe2 involving both P-O and C-O bond fission.
IT **91721-17-4**, Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl-
(prepn. of)
RN 91721-17-4 CAPLUS
CN Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl- (7CI) (CA INDEX NAME)



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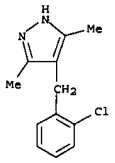
L8 ANSWER 32 OF 32 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1964:411195 CAPLUS
DOCUMENT NUMBER: 61:11195
ORIGINAL REFERENCE NO.: 61:1807d-e
TITLE: Cyclization of o-chlorophenyl-.beta.-dicarbonyl compounds through dicarbanion-benzyne intermediates
AUTHOR(S): Harris, Thomas M.; Hauser, Charles R.
CORPORATE SOURCE: Duke Univ., Durham, NC
SOURCE: J. Org. Chem. (1964), 29(6), 1391-4
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
GI For diagram(s), see printed CA Issue.
AB Bunnett's principle of ring closure involving the intramol. reaction of an
anion with the benzyne moiety was adapted to certain cyclizations in which
the terminal Me group of an o-chlorophenyl .beta.-diketone or .beta.-oxoaldehyde was condensed with the aromatic ring through a dicarbanion-benzyne intermediate. The cyclizations, effected by excess KNH2 in liquid NH3, afforded, e.g. I and II.
IT **91721-17-4**, Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl-
(prepn. of)
RN 91721-17-4 CAPLUS
CN Pyrazole, 4-(o-chlorobenzyl)-3,5-dimethyl- (7CI) (CA INDEX NAME)



Kamal Saeed